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MAR 9 1944

....LAKE'S

Shenandoah Nurseries

A. F. LAKE, President • SHENANDOAH, IOWA • D. S. LAKE, Sec'y-Treas.

1870 - 1944

Spring WHOLESALE TRADE LIST

March 1st, 1944

PRICES PRINTED IN THIS LIST
SUBJECT TO CHANGE
WITHOUT NOTICE

LONG DISTANCE PHONES

406 - 407

Note: Due to war-time conditions this is the only price list
we will publish this spring. Please conserve your copy.

TERMS AND CONDITIONS OF SALE

Terms—2% discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, PERENNIALS (including PEONIES and LILIES).

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total.

Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten.

SPECIAL NOTICE—The prices named in this list cancel all previous lists and are subject to change without notice. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged for at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

A. F. LAKE, President.

D. S. LAKE, Sec'y-Treas.

IMPORTANT NOTICE: Address all correspondence to Lake's Shenandoah Nurseries rather than to individuals in the firm.

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

			Per 10	Per 100	Per 1000
Standard First Class, 4 1/2 ft. and up, 11/16 to 7/8 in.			\$5 50	\$50 00	\$450 00
" " " 4 "	9/16 to 11/16 in.		4 90	42 50	380 00
" " " 3 "	7/16 to 9/16 in.		3 50	30 00	-----
" " " 2 "	5/16 to 7/16 in.		2 90	25 00	-----
" " " 5 "	7/8 in. and up		6 00	55 00	-----

Anoka	Hyslop	Red June
Baldwin	Joan	Redsiberian
Banana	Jonathan	Rome Beauty
Beacon	Jonathan Dark Red	Rome Beauty Red
Cortland	Kendall	Salome
Delicious Dark Red	King of T. County	Secor
Delicious Yellow	Loba	Sharon
Dolgo	Lodi	Stayman Dark Red
Duchess	Lowland Raspberry	Sweet Russet
Duchess Dark Red	McIntosh	Transcendent
Early Harvest	McIntosh Dark Red	Turley
E. G. Russet	McIntosh Milton	Virginia Crab
Fameuse	McIntosh Sweet	Wagener
Flame	Macoun	Wealthy
Florence	Maiden Blush	Whitney
Gallia Beauty	M. B. Twig	Winesap Red
Gravenstein Red	Melba	Yellow Siberian
Grimes Golden	Northern Spy	Yellow Transparent
Haralson	Northern Spy Red	York Imperial
Hibernal	Red Astrachan	

CHERRY—Sour

Two Year on Mahaleb

	Sold—All Grades	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.		\$8 00	\$75 00	\$-----
3 1/2 " " 9/16 to 11/16 in.		7 00	65 00	-----
3 " " 7/16 to 9/16 in.		5 50	50 00	-----
5 " " 1 in. and up		9 00	85 00	-----

Early Richmond	Montmorency
English Morello	Wragg

CHERRY—Sour

One Year on Mahaleb

	Sold—All Grades	Per 10	Per 100	Per 1000
3 1/2 ft. and up, 11/16 in. and up		\$8 00	\$75 00	\$-----
3 " " 9/16 to 11/16 in.		7 00	65 00	-----
2 1/2 " " 7/16 to 9/16 in.		5 50	50 00	-----
2 " " 5/16 to 7/16 in.		4 50	40 00	-----

Early Richmond	Montmorency
English Morello	

CHERRY—Sweet

One and Two Year on Mahaleb

	Sold—All Grades	Per 10	Per 100	Per 1000
4 1/2 ft. and up, 11/16 in. and up, branched		\$11 00	\$100 00	\$-----
4 1/2 " " " " whips		10 00	90 00	-----
4 " " 9/16 to 11/16 in., branched		9 00	85 00	-----
4 " " " " whips		8 00	75 00	-----
3 " " 7/16 to 9/16 " and branched		7 00	65 00	-----
2 1/2 " " 5/16 to 7/16 "		5 50	50 00	-----

Bing	Lambert	Windsor
Black Tartarian	Napoleon	Yellow Glass
Gov. Wood	Schmidt	Yellow Spanish

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear first year planted.

		Per 10	Per 100	Per 1000
3 to 4 ft. transplants		\$2 90	\$25 00	\$
2 to 3 ft. "		2 60	22 50	200 00
18 to 24 in. "		2 10	18 00	-
12 to 18 in. "		1 40	12 00	100 00
18 to 24 in. seedlings		50	4 50	40 00
12 to 18 in. "		37	3 20	28 00

PEAR STANDARD**Sold—All Grades**

Per 10 Per 100 Per 1000

Two Year, 4½ ft. and up, 11/16 in. and up		\$8 00	\$75 00	\$
" " 4 " " 9/16 to 11/16 in.		7 00	65 00	-
" " 3 " " 7/16 to 9/16 in.		6 00	55 00	-
" " 2 " " 5/16 to 7/16 in.		4 50	40 00	-
" " 5 " " 7/8 in. and up		9 00	85 00	-

Anjou
Bantam (Minnesota No. 3)
Bartlett
Clapp Favorite
Douglas

Duchesse d'Angouleme
Flemish Beauty
Garber
Gorham
Kieffer

Lincoln
Mendel
Parker
Patten
Seckel

PEAR DWARF—Two Year**Sold—All Grades**

Per 10 Per 100 Per 1000

3 ft. and up, 5/8 in. and up		\$8 00	\$75 00	\$
2 to 3 ft., 1/2 to 5/8 in.		7 00	65 00	-
18 to 24 in., 3/8 to 1/2 in.		5 50	50 00	-

Anjou
Bartlett

Duchesse d'Angouleme
Seckel

PEACH—One Year**Sold—All Grades**

Per 10 Per 100 Per 1000

4½ ft. and up, 11/16 in. and up		\$6 50	\$60 00	\$
4 " " 9/16 to 11/16 in.		5 50	50 00	-
3 " " 7/16 to 9/16 in.		4 50	40 00	-
2 " " 5/16 to 7/16 in.		3 50	30 00	-
2 to 3 ft., under 5/16 in.		2 50	22 00	-
18 to 24 in.		2 10	18 00	-

Belle (Belle of Georgia)
Blood Cling (Indian Blood Cling)
Carman
Champion
Crosby
Cumberland
Delicious
Early Crawford
Early Elberta
Eclipse

Elberta
Golden Jubilee
Halehaven
Heath Cling
J. H. Hale
Late Crawford
Marigold
Marquette
Mayflower
Mikado

Polly
Red Bird
Red Haven
Rochester
Salberta
Southhaven
Sunbeam
Valiant
Vedette
Veteran

APRICOT—One Year

(On Peach Roots)

Sold—All Grades

Per 10 Per 100 Per 1000

4 ft. and up, 11/16 in. and up		\$8 00	\$75 00	\$
3½ " " 9/16 to 11/16 in.		7 00	65 00	-
3 " " 7/16 to 9/16 in.		5 50	50 00	-
2 " " 5/16 to 7/16 in.		4 50	40 00	-

Alexander
Alexis
Anda
Chinese
Early Golden
Graham

Manchu
Mandarin
Moorpark
Ninguta
Royal

Sansin
Scout
Superb
Tola
Wenatchee Moorpark

PLUM**EUROPEAN and JAPANESE**

(On Myrobalan)

Sold—All Grades

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up		\$8 00	\$75 00	\$-----
4 " " 9/16 to 11/16 in.		7 00	65 00	-----
3 " " 7/16 to 9/16 in.		5 50	50 00	-----
2 " " 5/16 to 7/16 in.		4 50	40 00	-----

Abundance

Bradshaw

Burbank

German Prune

Green Gage

Italian Prune

Lombard

Reine Claude

Shipper's Pride

Shropshire

Stanley

Yellow Egg

PLUM—One Year**AMERICAN and HARDY HYBRIDS**

(On Native Roots)

Sold—All Grades

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up		\$8 00	\$75 00	-----
4 " " 9/16 to 11/16 in.		7 00	65 00	-----
3 " " 7/16 to 9/16 in.		5 50	50 00	-----
2 " " 5/16 to 7/16 in.		4 50	40 00	-----

Compass

Cooper

Elliot

Ember

Fiebing

Golden Rod

Hanska

Kaga

Kahinta

La Crescent

Loring Prize

Monitor

Mordena

Nicollet

Oka

Omaha

Opata

Sapa

Saint Anthony

Superior

Surprise

Terry

Toka

Tonka

Underwood

Waneta

Wild Goose

Zumbra

NECTARINE

		Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.		\$8 00	\$75 00	\$-----
3½ " " 9/16 to 11/16 in.		7 00	65 00	-----
3 " " 7/16 to 9/16 in.		5 50	50 00	-----

Hunter

Sure Crop**QUINCE**

		Per 10	Per 100	Per 1000
5/8 in. and up		\$8 00	\$75 00	\$-----
½ to 5/8 in.		7 00	65 00	-----
3/8 to ½ in.		5 50	50 00	-----

Champion

Orange**CURRENTS**

Tied, No. 1, 25; No. 2, 50 per Bundle.

		Per 100	Per 1000
Cherry , dark red, 2 yr. No. 1		\$ 12 00	\$-----
" " 2 yr. No. 2		9 00	-----
Diploma , bright red, 2 yr. No. 1		12 00	-----
" " 2 yr. No. 2		9 00	-----
Fay (Fay's Prolific) , dark red, 2 yr. No. 1		12 00	-----
" " " 2 yr. No. 2		9 00	-----
Perfection , bright red, 2 yr. No. 1		16 50	140 00
" " 2 yr. No. 2		12 00	-----
Red Lake , the light red berries are large, in long clusters; thrifty and extremely productive.			
2 yr. No. 1		21 00	180 00
2 yr. No. 2		15 00	-----
White Grape , white, 2 yr. No. 1		15 00	-----
" " 2 yr. No. 2		12 00	-----
Wilder , dark red, 2 yr. No. 1		12 00	-----
" " 2 yr. No. 2		9 00	-----

GOOSEBERRIES

Tied 25 per Bundle

Sold—All Grades

	Per 100	Per 1000
Carrie , red, 2 yr. No. 1-----	\$ 14 00	\$ -----
" " 2 yr. No. 2 or 1 yr. No. 1-----	10 00	-----
Champion , a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale green.		
2 yr. No. 1-----	14 00	-----
2 yr. No. 2 or 1 yr. No. 1-----	10 00	-----
Downing , pale green, 2 yr. No. 1-----	16 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1-----	12 00	-----
Houghton , dark red, 2 yr. No. 1-----	10 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1-----	8 00	-----
Redjacket (Josselyn) , greenish red, 2 yr. No. 1-----	16 00	-----
" " " 2 yr. No. 2 or 1 yr. No. 1-----	12 00	-----

RASPBERRIES

Tied 25 per Bundle

Sold—All Grades

	Per 100	Per 1000
Chief , a Latham seedling; finest early red; heavy producer.		
No. 1 Suckers-----	\$ 5 50	\$ -----
Columbian , berries are large, purplish-red. Tips-----	4 50	-----
Cumberland , most widely planted blackcap raspberry.		
Tips-----	4 50	-----
Cuthbert , rich crimson, very firm berries. Suckers-----	4 00	-----
Indian Summer , (Red Everbearing), a superior new everbearing variety; large, of high quality.		
1 yr. No. 1, Suckers-----	5 00	-----
1 yr. No. 2, "-----	4 25	-----
Latham , a large, productive red variety, always in demand.		
No. 1 Suckers-----	5 00	-----
No. 2 "-----	4 00	-----
Logan , very large, jet black, juicy and sweet.		
Tips-----	4 50	-----
No. 2-----	3 50	-----
Morrison , a new blackcap, much larger than Cumberland. Vigorous, disease resistant. Tips-----	6 50	-----
Newburgh , a very large and firm, good shipping berry, red.		
Suckers-----	5 50	-----
St. Regis , large and sweet, bears over a long season, red.		
No. 1 Suckers-----	4 00	-----
Taylor , large red, one of the newest and best commercial varieties from the N. Y. Agr. Exp. Sta.		
1 yr. No. 1-----	5 50	-----

GRAPE VINES

Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle

	Per 100	Per 1000
Agawam , red, 2 yr. No. 1-----	\$ 12 00	\$ -----
" " 2 yr. No. 2 or 1 yr. No. 1-----	9 00	-----
Beta , black, 2 yr. No. 1-----	12 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1-----	9 00	-----
Brighton , red, 2 yr. No. 1-----	14 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1-----	10 00	-----
Caco , red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1-----	16 00	-----
2 yr. No. 2 or 1 yr. No. 1-----	12 00	-----
Campbell Early , black, 2 yr. No. 1-----	14 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1-----	10 00	-----

GRAPE VINES—(Continued)

	Per 100	Per 1000
Catawba , red, 2 yr. No. 1	12 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1	9 00	-----
Concord , black, 2 yr. No. 1	12 00	100 00
" " 2 yr. No. 2 or 1 yr. No. 1	9 00	80 00
Concord Seedless , possesses the rich blue-black color, fine flavor, and heavy fruiting qualities of original Concord grape. Hardy, vigorous, seedless.		
2 yr. No. 1	40 00	-----
2 yr. No. 2 or 1 yr. No. 1	35 00	-----
Delaware , red, 2 yr. No. 1	14 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1	10 00	-----
Diamond , white, 2 yr. No. 1	14 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1	10 00	-----
Fredonia , earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1	14 00	-----
2 yr. No. 2 or 1 yr. No. 1	10 00	-----
Moore Early , black, 2 yr. No. 1	14 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1	10 00	-----
Niagara , white, 2 yr. No. 1	14 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1	10 00	-----
Portland , earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
2 yr. No. 1	14 00	-----
2 yr. No. 2 or 1 yr. No. 1	10 00	-----
Sheridan , black. Ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	16 00	-----
2 yr. No. 2 or 1 yr. No. 1	12 00	-----
Worden , black, 2 yr. No. 1	12 00	-----
" " 2 yr. No. 2 or 1 yr. No. 1	9 00	-----

STRAWBERRIES

Sold—All Grades

	Per 100	Per 1000		Per 100	Per 1000
Blakemore	\$ 80	\$ 7 00	Fairfax	\$ 1 00	\$ 9 00
Dorsett	1 00	9 00	Premier	1 00	9 00
Dunlap	80	7 00			
Gem , EVERBEARING				1 40	12 00
Wayzata ,	"			3 50	30 00
Mastodon ,	"			1 80	15 00

BLACKBERRIES

Tied 25 per Bundle

	Per 100	Per 1000
Alfred , No. 1	\$ 3 50	\$ -----
" No. 2	2 50	-----
Ancient Briton , No. 1	3 50	-----
" " No. 2	2 50	-----
Blowers , No. 1	3 50	-----
" No. 2	2 50	-----
Early Harvest , No. 1	3 50	-----
" " No. 2	2 50	-----
Eldorado , No. 1	3 50	-----
" No. 2	2 50	-----
McDonald , No. 1	3 50	-----
" No. 2	2 50	-----
Mersereau , No. 1	3 50	-----
" No. 2	2 50	-----
Snyder , No. 1	3 50	-----
" No. 2	2 50	-----

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Conover's Washington, Palmetto, 2 yr. No. 1	\$ 2 20	\$-----
" " " " 1 yr. No. 1	1 80	-----
Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
2 yr. No. 1	2 50	-----
1 yr. No. 1	2 00	-----
Boysenberry, Tip Plants	7 00	-----
Boysenberry, Thornless, Tip Plants	8 50	-----
Dewberry, Lucretia, R. C. Plants, No. 1	4 00	-----
" " " " No. 2	3 00	-----
Horseradish, Crowns	6 00	-----
" Cuttings	2 50	-----
Rhubarb, Victoria, Whole Roots, 2 yr. 1½ in. and up	6 50	-----
" " " " 1 to 1½ in.	5 50	-----
" " " " 1 yr. ½ to 1 in.	4 50	-----
" " " " ½ to ½ in.	3 50	-----
Rhubarb, Chipman Red, sweet and of excellent flavor; stems dark red throughout	50 00	-----
Youngberry, Tip Plants, No. 1	5 50	-----

FRUIT TREE SEEDLINGS — American Grown

We are sold out of everything in Fruit Tree Stocks but Myrobalan Plum and do not have many of those. May have some No. 3 Apple Seedlings later.

PLUM MYROBOLAN, Western grown

	Per 100	Per 1000
No. 1, 3/16 to 1/4 in.	\$ 2 60	\$ 22 00
No. 2, 2/16 to 3/16 in.	2 10	18 00
No. 3, about 2/16 in.	1 70	14 00

ROSE STOCKS**MULTIFLORA JAPONICA (SEEDLINGS)**

No. 1, 3/16 to 1/4 in.	2 60	22 00
No. 2, 2½/16 to 3/16 in.	1 90	16 00
No. 3, about 2/16 in.	1 20	10 00

FOREST TREE SEEDLINGS

Ash, Hackberry, and Russian Olive are ideal windbreak trees; drought-resistant, disease-free, long-lived and hardy.

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

ASH, Green (*Fraxinus pennsylvanica lanceolata*)

	Per 100	Per 1000
6 to 12 in.	\$ 60	\$ 5 00
12 to 18 in.	90	8 00
18 to 24 in.	1 40	12 00
2 to 3 ft.	1 80	15 00
3 to 4 ft.	2 40	20 00

BOXELDER (*Acer negundo*)

6 to 12 in.	50	4 50
12 to 18 in.	90	8 00
18 to 24 in.	1 40	12 00
2 to 3 ft.	1 90	16 00
3 to 4 ft.	2 60	22 00

CARAGANA arborescens (Siberian Peashrub)

6 to 12 in.	80	7 00
12 to 18 in.	1 20	10 00

CATALPA, Western

6 to 12 in.	50	4 50
12 to 18 in.	90	8 00
18 to 24 in.	1 40	12 00
2 to 3 ft.	1 90	16 00
3 to 4 ft.	2 60	22 00

FOREST TREE SEEDLINGS—(Continued)

	Per 100	Per 1000
ELM, American (<i>Ulmus americana</i>)		
6 to 12 in.	\$ 45	\$ 4 00
12 to 18 in.	80	7 00
18 to 24 in.	1 20	10 00
2 to 3 ft.	1 70	14 00
3 to 4 ft.	2 40	20 00
ELM, Chinese (<i>Ulmus pumila</i>)		
6 to 12 in.	50	4 50
12 to 18 in.	80	7 00
18 to 24 in.	1 20	10 00
2 to 3 ft.	1 80	15 00
3 to 4 ft.	2 40	20 00
4 to 5 ft.	3 20	28 00
5 to 6 ft.	5 60	50 00
HACKBERRY (<i>Celtis occidentalis</i>)		
6 to 12 in.	90	8 00
12 to 18 in.	1 70	14 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 20	28 00
3 to 4 ft.	4 00	35 00
HONEYLOCUST (<i>Gleditsia triacanthos</i>)		
6 to 12 in.	70	6 00
12 to 18 in.	1 20	10 00
18 to 24 in.	1 70	14 00
2 to 3 ft.	2 10	18 00
3 to 4 ft.	2 90	25 00
HONEYLOCUST, Thornless (<i>Gleditsia triacanthos inermis</i>)		
6 to 12 in.	80	7 00
12 to 18 in.	1 40	12 00
18 to 24 in.	1 80	15 00
2 to 3 ft.	2 40	20 00
3 to 4 ft.	3 10	27 00
LOCUST, Black (<i>Robinia pseudoacacia</i>)		
12 to 18 in.	90	8 00
18 to 24 in.	1 40	12 00
2 to 3 ft.	1 80	15 00
3 to 4 ft.	2 60	22 00
MAPLE, Silver (<i>Acer dasycarpum</i>)		
12 to 18 in.	1 00	9 00
18 to 24 in.	1 70	14 00
2 to 3 ft.	2 40	20 00
MULBERRY, Russian (<i>Morus alba tatarica</i>)		
6 to 12 in.	60	5 00
12 to 18 in.	1 20	10 00
18 to 24 in.	1 80	15 00
2 to 3 ft.	2 40	20 00
3 to 4 ft.	3 10	27 00
OSAGEORANGE (<i>Maclura pomifera</i>)		
6 to 12 in.	45	4 00
12 to 18 in.	90	8 00
18 to 24 in.	1 20	10 00
RUSSIAN OLIVE (<i>Elaeagnus angustifolia</i>)		
6 to 12 in.	1 20	10 00
3 to 4 ft.	4 50	40 00
4 to 5 ft.	5 60	50 00
WALNUT, Black (<i>Juglans nigra</i>)		
6 to 12 in.	2 10	18 00
12 to 18 in.	2 60	22 00
18 to 24 in.	3 50	30 00

FOREST TREE SEEDLINGS—(Continued)

ONE YEAR FROM CUTTINGS

POPLAR (*Populus*)**Carolina and Norway**

	Per 100	Per 1000
2 to 3 ft. whips	\$ 3 20	\$ 28 00
3 to 4 ft. "	4 50	40 00
4 to 5 ft. lightly branched	5 60	50 00
5 to 6 ft. "	7 50	65 00

Lombardy and Volga

2 to 3 ft. whips	4 50	40 00
3 to 4 ft. "	5 60	50 00
4 to 5 ft. "	7 50	65 00

WILLOW (*Salix*)**Golden**

12 to 18 in.	1 80	15 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	2 90	25 00

Laurel Leaf

12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

AILANTHUS (TREE-OF-HEAVEN) 50-60 ft.***altissima (glandulosa)***

Rapid-growing; palm-like leaves. Thrives in smoky cities and in soils where other trees perish.	Per 10	Per 100
4 to 5 ft.	\$ 4 00	\$ -----
5 to 6 ft.	5 50	-----
6 to 8 ft.	8 00	-----

ASH (FRAXINUS)**Green (*pennsylvanica lanceolata*) 50-60 ft.**

Shapely, round-headed trees with slender, spreading branches. Hardy.

4 to 5 ft.	2 50	22 00
5 to 6 ft.	3 20	28 00
6 to 8 ft.	5 00	45 00
8 to 10 ft.	7 50	70 00
1½ to 2 in.	11 00	100 00
2 to 2½ in.	15 00	-----

ARALIA***Spinosa* (Devil's Walking Stick) 20-25 ft.**

A showy dwarf tree, broad handsomely cut leaves and huge clusters of small white flowers in July.

2 to 3 ft.	2 50	-----
3 to 4 ft.	3 50	-----

BIRCH (BETULA)**Cut Leaf Weeping (*alba laciniata*) 30-40 ft.**

Deeply cut leaves on graceful, drooping branches; silvery white bark. Most effective as a specimen lawn tree, or as a group planting.

4 to 5 ft. (Root wrapped in moss and burlap)	8 00	75 00
5 to 6 ft. " " " " "	11 00	100 00
6 to 8 ft. " " " " "	15 00	135 00

European White (*alba*) 30-40 ft.

White-barked, medium-sized graceful tree. Thrives well in even poor and dry soils.

4 to 5 ft.	4 50	40 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	8 50	80 00
8 to 10 ft.	12 00	110 00
1¼ to 1½ in.	14 00	125 00
1½ to 2 in.	16 50	150 00

ORNAMENTAL and SHADE TREES—(Continued)

BOXELDER (Acer negundo) (Ash-leaved Maple) 40-50 ft.

A native, hardy tree of spreading habit. In localities where other trees fail, use Boxelder.

	Per 10	Per 100
8 to 10 ft.	\$ 8 00	\$ -----
1½ to 1¾ in.	10 00	-----
1½ to 1¾ in.	15 00	-----

BUTTERNUT (JUGLANS)

cinerea 60-80 ft.

The white walnut. A spreading tree with large leaves; produces edible nuts of good quality.

4 to 5 ft.	7 50	-----
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CATALPA**bungei (Manchurian) 10-12 ft.**

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

1 year heads, 5 to 6 ft. stems	8 50	80 00
2 year heads, 4 to 5 ft. stems	8 50	80 00
2 year heads, 5 to 6 ft. stems	11 00	100 00
2 year heads, 6 to 7 ft. stems	12 50	-----

speciosa (Western Catalpa) 30-35 ft.

A hardy tree of tropical appearance; large, broad, light green leaves, purplish white blossoms. Grows rapidly and resists drought.

1½ to 2 in.	8 50	80 00
2 to 2½ in.	13 00	120 00
2½ to 3 in.	16 50	150 00

ELM (ULMUS)**American White (americana) 60-100 ft.**

A stately, massive tree that affords ample shade and shelter.

4 to 5 ft.	2 50	22 00
5 to 6 ft.	3 50	30 00
6 to 8 ft.	5 50	50 00
8 to 10 ft.	7 50	70 00
1¼ to 1½ in.	9 00	85 00
1½ to 1¾ in.	13 00	120 00
1¾ to 2 in.	16 50	150 00
2 to 2½ in.	22 00	200 00
2½ to 3 in.	25 00	-----
3 to 3½ in.	35 00	-----

Chinese (Ulmus pumila) 40-50 ft.

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

4 to 5 ft.	\$150 00	Per M	2 10	18 00
5 to 6 ft.	250 00	" "	3 20	28 00
6 to 8 ft.	400 00	" "	5 00	45 00
8 to 10 ft.	540 00	" "	6 50	60 00
1¼ to 1½ in.	7 50	-----	70 00	70 00
1½ to 2 in.	11 00	-----	100 00	-----
2 to 2½ in.	17 50	-----	160 00	-----
2½ to 3 in.	25 00	-----	225 00	-----

Hybrid

A cross of Chinese Elm and Red Elm. Habit of growth is very uniform.

6 to 8 ft.	4 50	40 00
8 to 10 ft.	5 50	50 00
1¼ to 1½ in.	6 50	60 00

Lake City

An especially fine strain of the American Elm. Requires no trimming.

5 to 6 ft.	6 00	-----
6 to 8 ft.	7 50	-----
8 to 10 ft.	10 00	-----

ORNAMENTAL and SHADE TREES—(Continued)

ELM (*ULMUS*)—(Continued)

Moline 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. trees for street or drive planting.

	Uniform Per 10	Uniform Per 100
5 to 6 ft.	\$ 6 50	\$ 60 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00
1½ to 1½ in.	13 00	120 00
1½ to 1¾ in.	16 00	135 00
1¾ to 2 in.	18 50	150 00
2 to 2½ in.	23 50	225 00

Vase 80-100 ft.

A splendid uniform, broad-topped tree. Rapid-growing.

5 to 6 ft.	6 50	60 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00
1¼ to 1½ in.	13 00	120 00
1½ to 1¾ in.	16 00	135 00
1¾ to 2 in.	18 50	150 00
2 to 2½ in.	23 50	225 00

HACKBERRY (*CELTUS*)

occidentalis 50 ft.

A rare native tree that is rapidly increasing in demand. Light, glossy green foliage; disease- and drought-resistant; hardy, healthy, and thrives in all soils.

4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 50	40 00
6 to 8 ft.	6 50	60 00
8 to 10 ft.	10 00	90 00
1½ to 2 in.	15 00	135 00
2 to 2½ in.	20 00	180 00
2½ to 3 in.	27 50	225 00

HONEYLOCUST

Common (*Gleditsia triacanthos*) 50-60 ft.

A large, vigorous tree with wide-spreading branches; feathery, fern-like leaves and a stout armament of thorns. Fragrant white flowers in May.

4 to 5 ft.	3 50	30 00
5 to 6 ft.	4 50	40 00
6 to 8 ft.	6 50	60 00
8 to 10 ft.	9 00	85 00
1½ to 2 in.	13 50	120 00

Thornless (*Gleditsia triacanthos inermis*) 50-60 ft.

Identical to Common Honeylocust except that it is free from thorns.

4 to 5 ft.	4 00	35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00
1½ to 2 in.	15 00	120 00

LINDEN (*TILIA*)American (*americana*) 60-80 ft.

A stately, broad, uniform tree with large, shining, cordate leaves. Fragrant yellow flowers late in June.

4 to 5 ft.	4 50	40 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	8 50	80 00
8 to 10 ft.	11 00	100 00
1½ to 2 in.	15 00	135 00
2 to 2½ in.	18 50	150 00
2½ to 3 in.	25 00	225 00

ORNAMENTAL and SHADE TREES—(Continued)

LOCUST (ROBINIA)**Black (pseudoacacia) 50-70 ft.**

A large, straight, fast-growing native tree. Fragrant white flowers in May followed by small dark seed pods in Autumn.

	Per 10	Per 100
4 to 5 ft.	\$ 2 25	\$ -----
5 to 6 ft.	3 00	-----
6 to 8 ft.	4 50	-----
8 to 10 ft.	6 00	-----

MAPLE (ACER)**ginnala (Amur) 15-18 ft.**

A graceful small tree; bright green leaves turn red in Autumn. Fragrant yellowish flowers in April-May.

2 to 3 ft.	2 40	20 00
3 to 4 ft.	4 00	35 00
4 to 5 ft.	5 50	50 00
5 to 6 ft.	7 50	70 00
6 to 8 ft.	10 00	-----

Golden (auratum) 60 ft.

Yellowish-green foliage, and orange-yellow bark make this tree stand out; young trees are very attractive, but lose some of the color with age.

5 to 6 ft.	3 50	-----
6 to 8 ft.	5 00	-----
8 to 10 ft.	7 50	-----
1½ to 1½ in.	8 50	-----
1½ to 1¾ in.	10 00	-----

Norway (platanoides) 50-60 ft.

Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.

5 to 6 ft. whips	4 50	40 00
6 to 8 ft. "	5 50	50 00
5 to 6 ft. branched	8 50	80 00
6 to 8 ft. "	11 00	100 00
8 to 10 ft. "	15 00	135 00
1¼ to 1½ in. "	16 00	-----
1½ to 1¾ in. "	20 00	-----
1¾ to 2 in. "	23 50	-----
2 to 2½ in. "	30 00	-----

Schwedleri (Purple Leaf Maple) 40-50 ft.

A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer, and in Autumn golden yellow.

5 to 6 ft. whips	8 00	75 00
6 to 8 ft. "	9 00	85 00
5 to 6 ft. branched	15 00	135 00
6 to 8 ft. "	16 50	150 00
8 to 10 ft. "	20 00	-----

Silver or Soft (dasycarpum) 60-80 ft.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

5 to 6 ft.	3 50	30 00
6 to 8 ft.	5 50	50 00
8 to 10 ft.	8 00	75 00
1¼ to 1½ in.	9 00	85 00
1½ to 2 in.	10 00	-----
2 to 2½ in.	15 00	-----

Skinner's Cut-Leaved Maple 50-70 ft.

Very graceful, large, cut-leaved form of Silver Maple.

4 to 5 ft.	4 00	35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00
1¼ to 1½ in.	14 00	125 00
1½ to 2 in.	16 50	150 00
2 to 2½ in.	20 00	-----

ORNAMENTAL and SHADE TREES—(Continued)

MAPLE (ACER)—(Continued)

Sugar or Hard (*saccharum*) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

	Per 10	Per 100
5 to 6 ft.	\$ 7 50	\$ 70 00
6 to 8 ft.	11 00	100 00
8 to 10 ft.	15 50	140 00
1½ to 1¾ in.	16 50	-----

MOUNTAINASH (SORBUS)

European (*aucuparia*) 20-40 ft.

Smooth bark and dense, pyramidal heads; berry clusters are large and bright.

4 to 5 ft.	5 50	50 00
5 to 6 ft.	7 00	65 00
6 to 8 ft.	9 00	85 00
8 to 10 ft.	10 00	-----

MULBERRY (MORUS)

Russian (*alba tatarica*) 50-60 ft.

Small, light green leaves; greenish-yellow bark. Fruit varies from white to deep violet, very sweet. A very hardy native tree.

4 to 5 ft. branched	2 40	20 00
5 to 6 ft. "	3 50	30 00
6 to 8 ft. "	5 00	45 00
8 to 10 ft. "	6 00	-----

OAK (QUERCUS)

Pin (*palustris*) 70-80 ft.

A broadly pyramidal tree: the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

5 to 6 ft.	11 00	-----
6 to 8 ft.	12 50	-----
8 to 10 ft.	17 50	-----
1½ to 2 in.	25 00	-----
2 to 2½ in.	35 00	-----

Red (*rubra*) 60-80 ft.

A monarch in the tree world. Heavy, shiny, deep green leaves turning crimson in Fall.

5 to 6 ft.	12 00	-----
6 to 8 ft.	15 00	-----
8 to 10 ft.	20 00	-----

PERSIMMON (DIOSPYROS)

American (*virginiana*) 50-60 ft.

Often used as an ornamental tree; long narrow foliage, very valuable wood, medium-sized fruit. Hardy as far north as central Iowa.

3 to 4 ft.	5 00	-----
4 to 5 ft.	6 50	-----
5 to 6 ft.	8 50	-----
6 to 8 ft.	11 00	-----

POPLAR (POPULUS)

bolleana 60-80 ft.

Leaves are glossy green above, silvery beneath. A favorite with landscape gardeners to break the outline of most other trees.

4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 00	35 00
6 to 8 ft.	5 50	50 00
8 to 10 ft.	7 00	65 00
1½ to 1¾ in.	8 00	-----
1½ to 2 in.	10 00	-----
2 to 2½ in.	13 50	-----

ORNAMENTAL and SHADE TREES—(Continued)**POPLAR (*POPULUS*)—(Continued)****Carolina (Norway variety) 70-80 ft.**

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

		Per 10	Per 100
5 to 6 ft.		\$ 2 10	\$ 18 00
6 to 8 ft.		2 90	25 00
8 to 10 ft.		4 50	40 00
1½ to 1½ in.		5 50	50 00
1½ to 2 in.		8 00	75 00

Lombardy (*nigra italicica*) 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting

4 to 5 ft.	low branched	1 20	10 00
5 to 6 ft.	" "	\$150 00 Per M	2 10
6 to 8 ft.	" "	225 00 " "	2 90
8 to 10 ft.	" "	270 00 " "	3 50
1½ to 1½ in.	" "	315 00 " "	4 00
1½ to 2 in.	" "		6 50

Silver (*alba nivea*) 50-60 ft.

A broad-headed tree useful for foliage effects in large plantings. Maple-like leaves; rich green on top, snow-white under surfaces.

5 to 6 ft.		2 90	25 00
6 to 8 ft.		4 50	40 00
8 to 10 ft.		6 00	

PRUNUS (PLUM) Tree and bush forms**cistena (Hansen's Purple-leaved Plum) (Bush form) (On plum roots) 4-5 ft.**

Rich purplish foliage; reddish-brown branches. Very hardy.

18 to 24 in.		2 90	25 00
2 to 3 ft.		4 00	35 00
3 to 4 ft.		4 50	40 00

Newport (Purple-leaved Plum) (Bush form) (On plum roots) 15-18 ft.

A large shrub with upright growth; purplish-red foliage. Hardy.

2 to 3 ft.		4 00	35 00
3 to 4 ft.		4 50	40 00
4 to 5 ft.		5 50	50 00

persica (Flowering Peach on peach roots) (Tree form) 15-18 ft. (Red, Pink, or White.) Double flowers in early Spring. Very showy.

3 to 4 ft.		4 50	40 00
4 to 5 ft.		5 50	50 00
5 to 6 ft.		6 50	60 00

pissardi (Purple Leaf Plum) (Bush form) (On plum roots) 15-18 ft.

A small purple-leaved tree that retains its color over a long period.

2 to 3 ft.		4 00	35 00
3 to 4 ft.		4 50	40 00
4 to 5 ft.		5 50	50 00

tomentosa (Nanking Cherry) 10-12 ft.

Hardy variety, showy flowers. Fruit suitable for jams and preserves.

18 to 24 in.		2 50	22 00
2 to 3 ft.		3 10	27 00
3 to 4 ft.		4 00	35 00

triloba (Double Flowering Plum) (Bush form) (On plum roots) 8-10 ft.

Known also as the "Rose Tree of China". One of our finest shrubs; completely covered with pink rose-like flowers in April and May.

12 to 18 in.		2 90	25 00
18 to 24 in.		3 50	30 00
2 to 3 ft.		4 00	35 00
3 to 4 ft.		4 50	40 00

ORNAMENTAL and SHADE TREES—(Continued)

REDBUD (*CERCIS*)*canadensis* 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

	Per 10	Per 100
2 to 3 ft.	\$ 3 00	\$ -----
3 to 4 ft.	4 00	35 00
4 to 5 ft.	5 00	45 00
5 to 6 ft.	6 00	-----
6 to 8 ft.	7 50	-----
8 to 10 ft.	10 00	-----

RUSSIANOLIVE (*Elaeagnus angustifolia*) 20-25 ft.

Attractive silvery gray leaves, grayish white berries. Desirable for grouping. Used extensively for windbreaks. Very hardy.

3 to 4 ft.	2 40	20 00
4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 00	35 00
6 to 8 ft.	5 50	50 00
8 to 10 ft.	8 00	75 00
1½ to 2 in.	12 00	-----

SYCAMORE (*PLATANUS*)*American (occidentalis)* 50-60 ft.

Large leaves, spotted bark. A shapely tree of great beauty.

4 to 5 ft.	3 50	30 00
5 to 6 ft.	4 50	40 00
6 to 8 ft.	7 00	65 00
8 to 10 ft.	10 00	90 00
1½ to 1¾ in.	16 50	150 00
1¾ to 2 in.	20 50	185 00
2 to 2½ in.	25 00	225 00
2½ to 3 in.	30 00	-----
3 to 3½ in.	35 00	-----

THORN (*CRATAEGUS*)*coccinea* (Thicket Thorn) 20-25 ft.

Bushlike tree with white flowers followed by red fruits.

2 to 3 ft.	4 00	-----
3 to 4 ft.	5 50	-----
4 to 5 ft.	8 50	-----
5 to 6 ft.	12 00	-----

cordata (Washington Hawthorn) 20-25 ft.

Fruit bright red; leaves brilliantly colored in Autumn.

3 to 4 ft.	5 50	-----
4 to 5 ft.	8 00	-----
5 to 6 ft.	11 00	-----

crusgalli (Cockspur Thorn) 15-20 ft.

Blossoms white; leaves a deep, shiny green; fruit red; long thorns.

2 to 3 ft.	4 50	-----
3 to 4 ft.	5 00	-----
4 to 5 ft.	8 00	-----

oxyacantha (English Hawthorn) 12-15 ft.

Small, shrub-like tree. Single, white blossoms.

2 to 3 ft.	4 00	-----
3 to 4 ft.	5 00	-----
4 to 5 ft.	8 00	-----
5 to 6 ft.	12 00	-----

Paul's Scarlet (*oxyacantha pauli*) 15-20 ft.

Rich, luxuriant foliage; flowers very double, scarlet in great profusion.

3 to 4 ft.	6 00	-----
4 to 5 ft.	8 00	-----

ORNAMENTAL and SHADE TREES—(Continued)

TULIPTREE (LIRIODENDRON)**tulipifera 90-100 ft.**

Beautiful ornamental tree; large leaves, yellow tulip-like flowers.

	Per 10	Per 100
4 to 5 ft.	\$ 5 00	\$ -----
5 to 6 ft.	7 00	-----
6 to 8 ft.	10 00	-----

WALNUT (JUGLANS)**Black (nigra) 80-100 ft.**

Hardy tree, grows fairly fast; of special value for its wood and edible nuts.

5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00
8 to 10 ft.	11 00	100 00
1½ to 2 in.	16 50	150 00

WILLOW (SALIX)**babylonica 40-50 ft.**

A large, graceful Willow; bright green foliage, long wavy branches.

3 to 4 ft.	2 40	20 00
4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 50	40 00
6 to 8 ft.	7 00	65 00

Laurel Leaved (pentandra) 30-40 ft.

Bark brownish green; leaves dark, glossy green; shapely upright growth.

2 to 3 ft.	1 80	15 00
3 to 4 ft.	2 40	20 00
4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 00	35 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

3 to 4 ft.	2 40	20 00
4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 50	40 00
6 to 8 ft.	6 50	-----

Pussy (discolor) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

18 to 24 in.	1 80	15 00
2 to 3 ft.	2 40	20 00
3 to 4 ft.	2 90	25 00
4 to 5 ft.	3 50	30 00
5 to 6 ft.	4 00	35 00

Russian Golden (vitellina) 25-30 ft.

Extremely hardy. One of the most wind-resisting windbreak trees.

2 to 3 ft.	1 40	12 00
3 to 4 ft.	1 80	15 00
4 to 5 ft.	2 40	20 00
5 to 6 ft.	3 50	30 00
6 to 8 ft.	5 50	50 00

Wisconsin (blanda) 30-40 ft.

The popular green-barked weeping willow. The effect of its graceful, drooping branches can not be matched. Hardy.

3 to 4 ft.	2 40	20 00
4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 50	40 00
6 to 8 ft.	7 00	65 00

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurserymen's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED—9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear. Per 10 Per 100 Per 1000

12 to 18 in.	\$2 40	\$20 00	\$-----
18 to 24 in.	2 90	25 00	-----
2 to 3 ft.	4 00	35 00	-----
3 to 3½ ft.	5 00	45 00	-----

White. White form of above.

12 to 18 in.	2 40	20 00	-----
18 to 24 in.	2 90	25 00	-----
2 to 3 ft.	4 00	35 00	-----
3 to 3½ ft.	5 00	45 00	-----

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	80	7 00	-----
18 to 24 in.	1 20	10 00	-----
2 to 3 ft.	1 90	16 00	-----
3 to 4 ft.	2 50	22 00	-----

Anemoneflorus, double bright pink.

Ardens, double violet.

Banner, double white; red center.

Boule de Feu, double purplish-red.

Jeanne de Arc, double pure white.

Lucy, very double red.

Purpurea Semi-Plena, semi-double clear purple.

Rubis, single red.

Totus Albus, single white.

AMELANCHIER (JUNEBERRY)

canadensis (Downy Shadblow) May. 10-15 ft.

Dense racemes of pure white flowers followed by edible maroon-purple fruit; blooms profusely.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 90	\$16 00	\$-----
18 to 24 in.	2 50	22 00	-----
2 to 3 ft.	3 50	30 00	-----
3 to 4 ft.	4 50	-----	-----

AMORPHA

fruticosa (Indigobush) May-June. 8-10 ft.

An interesting shrub of spreading habit, with fine feathery foliage; remarkable for the unusual violet-purple flowers in dense terminal spikes.

18 to 24 in.	1 80	-----	-----
2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	3 20	28 00	-----
4 to 5 ft.	3 70	32 00	-----

ARALIA (ACANTHOPanax)

pentaphylla (pentaphyllum) Five-leaf Aralia. June. 6-8 ft.

Bright green shining foliage of tropical appearance; graceful arching branches; inconspicuous greenish flowers. Excellent for rocky slopes.

18 to 24 in.	2 00	-----	-----
2 to 3 ft.	2 90	25 00	-----
3 to 4 ft.	3 50	30 00	-----

ORNAMENTAL SHRUBS—(Continued)

ARONIA (CHOKEBERRY)***arbutifolia* (Red) April-May. 6-8 ft.**

Pinkish-white flowers; red fruit and foliage in Autumn. One of the very best undershrubs.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 20	\$10 00	\$-----
18 to 24 in.	1 80	15 00	-----
2 to 3 ft.	2 40	20 00	-----

***melanocarpa* (Black) April-May. 4-6 ft.**

Attractive white flowers, smooth foliage, glittering black, shining fruits.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 80	15 00	-----
2 to 3 ft.	2 40	20 00	-----

BARBERRY (BERRERIS)***Box* (*thunbergi minor*) 2-2½ ft.**

Dwarf, slow-growing upright plants of light green compact growth.

9 to 12 in.	95	8 00	-----
12 to 15 in.	1 40	12 00	-----

EVERGREEN (Mentorensis) Plant Patent No. 99. 4-5 ft

Rich, deep green rounded foliage, heavy thorns. The foliage turns to coppery-bronze during late fall and early winter.

	Retail Resale Prices			Wholesale Prices, Net		
	Per 3	Per 12	Per 100	Per 10	Per 100	Per 1000
12 to 15 in.	\$1 15	\$4 25	\$30 00	\$2 50	\$20 00	\$-----
15 to 18 in.	1 35	5 00	37 50	2 90	25 00	-----
18 to 24 in.	1 75	6 00	45 00	3 75	30 00	-----

Write for prices on quantity lots.

Redleaf (*thunbergi atropurpurea*)

Warm bronzy-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

9 to 12 in.	\$ 95	\$ 8 00	\$-----
12 to 15 in.	1 70	14 00	-----
15 to 18 in.	2 10	18 00	-----
18 to 24 in.	2 50	22 00	-----
2 to 2½ ft.	2 90	25 00	-----
2½ to 3 ft.	3 20	28 00	-----

***thunbergi* 4-5 ft.**

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

18 to 24 in.	1 70	14 00	120 00
2 to 2½ ft.	2 00	16 50	140 00
2½ to 3 ft.	2 40	21 00	180 00

TRUE HEDGE COLUMNBERRY (*thunbergi erecta*) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliaged than *thunbergi*.

	Retail Resale Prices				Wholesale Prices, Net		
	Each	Per 5	Per 25	Per 100	Per 10	Per 100	Per 1000
9 to 12 in.	\$ 40	\$1 50	\$ 6 25	\$22 00	\$1 80	\$14 00	\$125 00
12 to 15 in.	45	1 75	7 50	27 00	2 20	18 00	160 00
15 to 18 in.	55	2 10	8 75	32 00	2 70	22 00	200 00
18 to 24 in.	65	2 65	11 50	42 00	3 30	28 00	250 00
2 to 2½ ft.	80	3 25	13 75	50 00	4 00	35 00	300 00

BUCKTHORN (RHAMNUS)***cathartica* (Common) June. 6 ft.**

Attractive ovate, dark green leaves, small white flowers; black berries. Used extensively for hedging in the north.

12 to 18 in.	\$ 95	\$ 8 00	\$-----
18 to 24 in.	1 20	10 00	-----
2 to 3 ft.	1 40	12 00	-----
3 to 4 ft.	1 80	15 00	-----
4 to 5 ft.	3 20	28 00	-----

ORNAMENTAL SHRUBS—(Continued)

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

Fortune (Plant Patent No. 206; Retails 75¢ each; \$2.00 per 3; \$7.50 per doz.)

Pure lilac flowers with brilliant orange eye. Dark green leathery foliage.

	Per 10	Per 100	Per 1000
No. 1 -----	\$4 00	\$25 00	\$-----
Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Blooms profusely.			
Medium -----	2 40	20 00	-----
No. 1 -----	2 90	25 00	-----

CALLICARPA (BEAUTYBERRY)**dichotoma (purpurea) (Purple Beautyberry)**

Very attractive shrub with lilac-violet berries.

12 to 18 in.-----	1 70	14 00	-----
18 to 24 in.-----	2 10	18 00	-----
2 to 3 ft.-----	2 50	22 00	-----

CALYCANTHUS (SWEETSHRUB)**floridus (Common Sweetshrub)** June-July. 4-5 ft.

A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.

12 to 18 in.-----	1 70	14 00	-----
18 to 24 in.-----	2 10	18 00	-----
2 to 3 ft.-----	2 90	25 00	-----

CARAGANA (PEASHRUB)**arborescens (Siberian Peashrub)** May-June. 10-12 ft.

Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.

12 to 18 in.-----	60	5 00	-----
18 to 24 in.-----	80	7 00	-----
2 to 3 ft.-----	1 20	10 00	-----

CEPHALANTHUS (BUTTONBUSH)**occidentalis (Common Buttonbush)** July. 5-6 ft.

A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.

12 to 18 in.-----	95	8 00	-----
18 to 24 in.-----	1 40	12 00	-----
2 to 3 ft.-----	1 90	16 00	-----

CORNUS (DOGWOOD)**alba siberica (Coral Dogwood)** April-May. 8-10 ft.

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

12 to 18 in.-----	1 20	10 00	-----
18 to 24 in.-----	1 40	12 00	-----
2 to 3 ft.-----	2 25	19 00	160 00
3 to 4 ft.-----	2 60	22 50	200 00
4 to 5 ft.-----	3 50	30 00	-----

amomum (sericea) (Silky Dogwood). Dull red branches, white flowers in June. 6 ft.

2 to 3 ft.-----	2 25	-----
3 to 4 ft.-----	2 50	-----

elegantissima (Variegated Dogwood) 6-8 ft.

A most desirable variegated shrub; silver and green leaves. Red bark.

18 to 24 in.-----	2 90	25 00	-----
2 to 3 ft.-----	4 00	35 00	-----

florida (White Flowering Dogwood) July. 12-15 ft.

Large spreading shrub or small tree, producing large single white flowers; red fruit in Autumn. Glossy green foliage turns to many shades of red in Fall.

18 to 24 in.-----	3 50	-----
2 to 3 ft.-----	5 00	-----
3 to 4 ft.-----	7 50	-----

ORNAMENTAL SHRUBS—(Continued)

CORNUS (DOGWOOD)—(Continued)***florida rubra* (Red Flowering Dogwood) May. 12-15 ft.**

Similar in all respects to the white variety except flowers are deep pink.

	Per 10	Per 100	Per 1000
2 to 3 ft., roots wrapped in moss and burlap.....	\$12 00	\$-----	\$-----
3 to 4 ft., " " " " " "	15 00	-----	-----

***paniculata* (Gray Dogwood) May-June. 10-12 ft.**

A moisture-loving shrub; clusters of white flowers and fruit. Gray bark.

12 to 18 in.....	1 40	12 00	-----
18 to 24 in.....	1 90	16 00	-----
2 to 3 ft.....	2 40	20 00	-----
3 to 4 ft.....	2 90	25 00	-----

***sanguinea* (Bloodtwig Dogwood)**

Purplish red; white flowers.

18 to 24 in.....	1 70	14 00	-----
2 to 3 ft.....	2 10	18 00	-----
3 to 4 ft.....	2 50	22 00	-----

***stolonifera* (Redosier Dogwood) May-June. 6-8 ft.**

Spreading but erect growing; white flowers and berries; dark red bark.

18 to 24 in.....	1 40	12 00	-----
2 to 3 ft.....	2 25	19 00	160 00
3 to 4 ft.....	2 50	22 00	-----

***stolonifera lutea* (Gold Twig Dogwood) 6-8 ft.**

A striking yellow-branched form of Stolonifera; of high decorative value.

18 to 24 in.....	1 80	15 00	-----
2 to 3 ft.....	2 40	20 00	-----

CORYLUS (HAZELNUT)***americana* (Common American Hazelnut) 8-10 ft.**

Attractive rich green foliage, produces popular edible nuts. Thrives in shaded locations.

12 to 18 in.....	1 90	16 00	-----
18 to 24 in.....	2 50	22 00	-----
2 to 3 ft.....	3 50	30 00	-----

COTONEASTER***acutifolia* (Peking Cotoneaster) May-June. 10-12 ft.**

A valuable massing and hedging shrub. Dark green leaves; black fruit.

18 to 24 in.....	1 70	14 00	120 00
2 to 3 ft.....	2 25	19 00	160 00
3 to 4 ft.....	2 60	22 50	200 00

***divaricata* (Spreading Cotoneaster) June. 5-6 ft.**

12 to 18 in. (B&B 15¢ extra).....	2 50	22 00	-----
18 to 24 in. (" 25¢ ").....	3 50	30 00	-----
2 to 3 ft. (" 30¢ ").....	4 50	40 00	-----

***foveolata* (Glossy Cotoneaster) June. 8-10 ft.**

Leaves glossy above, pubescent beneath, turning to scarlet and orange in Autumn. Fruit black.

18 to 24 in. (B&B 25¢ extra).....	4 00	35 00	-----
2 to 3 ft. (" 30¢ ").....	5 00	45 00	-----

***lucida* (Inky Cotoneaster)**

Narrow habit. Particularly attractive large showy black masses of berries.

12 to 18 in.....	2 90	25 00	-----
18 to 24 in.....	4 00	35 00	-----
2 to 3 ft.....	5 00	45 00	-----

CRANBERRY, Highbush (See Viburnum)**CYDONIA (CHAENOMELES) (FLOWERING QUINCE)*****japonica* (Japanese Flowering quince) March-April. 5-6 ft.**

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth.

12 to 18 in.....	1 90	16 00	-----
18 to 24 in.....	2 90	25 00	-----

ORNAMENTAL SHRUBS—(Continued)

DESMODIUM—See Lespedeza

DEUTZIA

gracilis (Slender or Dwarf Deutzia) May. 2½-3 ft.

One of the most useful of all dwarf-growing shrubs. A profusion of snow-white flowers in May. Will thrive in partial shade. Used for forcing.

	Per 10	Per 100	Per 1000
9 to 12 in.	\$1 70	\$14 00	\$-----
12 to 15 in.	2 40	20 00	-----
15 to 18 in.	2 90	25 00	-----

lemoinei (Lemoine Deutzia) May. 3-4 ft.

Very floriferous, semi-dwarf hybrid variety; creamy white flowers in short, chubby sprays; distinct from all other varieties.

12 to 15 in.	1 90	16 00	-----
15 to 18 in.	2 40	20 00	-----
18 to 24 in.	3 20	28 00	250 00

Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.	95	8 00	-----
18 to 24 in.	1 40	12 00	-----
2 to 3 ft.	2 10	18 00	150 00

ELDER (SAMBUCUS)

Cut Leaf (acutiloba) May-June. 8-10 ft.

A valuable shrub for its fern-like foliage, hardiness and rapid growth, and the ease with which it is transplanted. Produces white flowers.

18 to 24 in.	2 40	20 00	-----
2 to 3 ft.	2 90	25 00	-----

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy, rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 90	16 00	-----
2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	2 90	25 00	-----
4 to 5 ft.	4 00	35 00	-----

EUONYMUS

alatus (Winged Euonymus) May-June. 8-10 ft.

Small leaves on cork-barked branches; yellow flowers, red fruits. Foliage turns to brilliant crimson in Fall.

12 to 18 in.	2 50	22 00	-----
18 to 24 in.	3 80	33 00	300 00
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	7 00	65 00	600 00

alatus compacta (Dwarf Winged Euonymus) May-June. 5-6 ft.

A very choice dwarf, compact form of Alatus. Will thrive in the shade.

12 to 18 in.	4 00	35 00	-----
18 to 24 in.	5 50	50 00	-----
2 to 3 ft.	7 50	70 00	-----

atropurpureus (Burning Bush, Wahoo) May-June. 12-15 ft.

A hardy native species. Purple flowers; an abundance of bright red berries are carried well into the winter. Attractive foliage in Autumn.

12 to 18 in.	1 70	14 00	-----
18 to 24 in.	2 10	18 00	-----
2 to 3 ft.	2 90	25 00	-----

europaeus (European Burning Bush) May-June. 12-15 ft.

A large shrub or small tree; bright yellow flowers in drooping clusters, followed by brilliant, to rose-colored berries. Scarlet foliage in Fall.

12 to 18 in.	1 70	14 00	-----
18 to 24 in.	2 10	18 00	-----
2 to 3 ft.	2 90	25 00	-----
3 to 4 ft.	3 50	30 00	-----

ORNAMENTAL SHRUBS—(Continued)

EXOCHORDA (PEARLBUSH)**racemosa (grandiflora) May-June. 8-10 ft.**

A smooth, vigorous-growing shrub. Pearl-like buds open into large, fragrant, pure-white flowers. Prefers moist soil; will thrive in shade.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 40	\$-----	\$-----
18 to 24 in.	1 80	-----	-----
2 to 3 ft.	2 20	-----	-----
3 to 4 ft.	2 80	-----	-----

FORSYTHIA (GOLDEN BELL)**fortunei (Fortune Forsythia) April. 6-8 ft.**

A large, upright shrub with slightly drooping branches, golden yellow flowers.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 80	15 00	-----
2 to 3 ft.	2 60	22 50	-----
3 to 4 ft.	3 20	28 00	-----

intermedia (Border Forsythia) April. 6-8 ft.

One of the most floriferous varieties; slender arching branches; dark green, lustrous leaves. Bright golden yellow flowers in early Spring.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 80	15 00	-----
2 to 3 ft.	2 60	22 50	-----
3 to 4 ft.	3 20	28 00	-----

intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardest of all Forsythias. Very profuse bloomer; rich yellow flowers.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 80	15 00	-----
2 to 3 ft.	2 60	22 50	-----
3 to 4 ft.	3 20	28 00	-----

suspensa (Weeping Forsythia) April. 5-6 ft.

Graceful drooping habit. Excellent for massing, banks, or over retaining walls. Bright yellow trumpet-shaped flowers.

12 to 18 in.	1 40	12 00	-----
18 to 24 in.	1 90	16 00	-----
2 to 3 ft.	2 60	22 50	-----
3 to 4 ft.	3 20	28 00	-----

viridissima (Greenstem Forsythia) April-May. 8-10 ft.

More bush-like than other varieties; foliage deep green. Late.

12 to 18 in.	1 40	12 00	-----
18 to 24 in.	1 90	16 00	-----
2 to 3 ft.	2 60	22 50	-----
3 to 4 ft.	3 20	28 00	-----

HAMAMELIS**virginiana (Common Witchhazel) Oct. 12-15 ft.**

Yellow fringe-like flower in the fall; attractive foliage. Thrives best in moist half-shady location.

12 to 18 in.	1 80	-----	-----
18 to 24 in.	2 20	-----	-----

HEDGING (See Page 34)**HONEYSUCKLE (LONICERA)****bella albida (White Belle Honeysuckle) April-May. 10-12 ft.**

White flowers; showy red fruit in great profusion. Very hardy.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 80	15 00	-----
2 to 3 ft.	2 40	20 00	-----
3 to 4 ft.	3 20	28 00	250 00

ORNAMENTAL SHRUBS—(Continued)

HONEYSUCKLE (LONICERA)—(Continued)

fragrantissima (Winter Honeysuckle) March-April. 6-8 ft.

A spreading shrub with deep green foliage; fragrant small white flowers. Almost evergreen foliage; very desirable.	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 80	\$15 00	\$-----
18 to 24 in.	2 10	18 00	-----
2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	3 50	30 00	-----

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

12 to 18 in.	1 40	12 00	-----
18 to 24 in.	2 10	18 00	150 00
2 to 3 ft.	2 60	22 50	200 00
3 to 4 ft.	3 20	28 00	250 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	3 20	28 00	250 00

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

12 to 18 in.	1 40	12 00	-----
18 to 24 in.	2 10	18 00	-----
2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	3 20	28 00	250 00
4 to 5 ft.	3 80	33 00	300 00

Tatarian Red (tatarica rubra) April-May. 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

12 to 18 in.	1 40	12 00	-----
18 to 24 in.	2 10	18 00	-----
2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	3 20	28 00	250 00
4 to 5 ft.	3 80	33 00	300 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

12 to 18 in.	1 40	12 00	-----
18 to 24 in.	2 10	18 00	-----
2 to 3 ft.	2 50	22 00	-----
3 to 4 ft.	3 20	28 00	250 00

HYDRANGEA**arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.**

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

12 to 18 in.	2 40	20 00	-----
18 to 24 in.	2 90	25 00	-----
2 to 3 ft.	3 50	30 00	-----
3 to 3½ ft.	4 00	35 00	-----

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

12 to 18 in.	2 40	20 00	-----
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	3 80	33 00	300 00
3 to 3½ ft.	4 35	38 00	350 00
Tree form, 18 to 24 in.	3 50	-----	-----
" " 2 to 3 ft.	5 00	-----	-----

ORNAMENTAL SHRUBS—(Continued)

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers moist soil.
Will endure part shade.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 80	\$15 00	\$-----
18 to 24 in.	2 40	20 00	-----
2 to 3 ft.	2 90	25 00	-----

ILEX verticillata (Winterberry) June. 5-6 ft.

Branches upright; foliage light green; flowers white; berries bright scarlet remaining on the branches until mid-winter. Thrives in shade.

18 to 24 in.	2 40	20 00	-----
2 to 3 ft.	2 90	25 00	-----

KERRIA japonica pleniflora (Double Japanese Kerria) June-September. 4-5 ft.

Graceful, slender, drooping branches; stems and leaves bright green. Rich dark yellow flowers. Kills back in winter in this latitude.

18 to 24 in.	4 00	35 00	-----
2 to 2½ ft.	5 00	45 00	-----

KOLKWITZIA amabilis (Beauty Bush) May. 4-6 ft.

A mass of arching sprays of pale pink, tubular flowers. Very hardy.

12 to 18 in.	2 90	25 00	-----
18 to 24 in.	3 50	30 00	-----
2 to 3 ft.	4 50	40 00	-----

LESPEDEZA (DESMODIUM) penduliflorum (formosa) September. 4-5 ft.

A most attractive herbaceous shrub; rosy-purple, sweet-scented pea-shaped flowers on arching branches. Kills back in winter in this latitude.

Medium	2 10	18 00	-----
No. 1	2 90	25 00	-----

LILAC (SYRINGA)**French Lilacs. Named varieties. April-May. 8-15 ft.**

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many unusual shades and color blends.

We grow our French lilacs on their own roots to insure permanent satisfaction.

9 to 12 in.	1 80	15 00	-----
12 to 18 in.	2 50	22 00	-----
18 to 24 in.	3 50	30 00	-----
2 to 3 ft.	4 50	40 00	-----

Alphonse Lavallee, pyramidal clusters of double bluish-lilac flowers.

Belle de Nancy, great panicles of double satiny rose blooms; white center.

Charles Joly, double purplish-red. Tall grower; one of the best.

Charles X, single, reddish purple; free-flowering.

Congo, great panicles of dark wine-red flowers; distinct and superb.

Edouard Andre, double, clear rose, one of the best of this color.

Ellen Willmott, immense panicles of double flowers and florets of creamy white.

Hugo Koster, single lilac tinged red, large trusses.

Ludwig Spaeth, single dark purplish-red, long panicles.

Marc Micheli, double, a great blooming lilac with fine, full panicles of lavender-blue.

Marie Legraye, single, slender panicles of creamy white. Blooms profusely.

Massena, immense, deep purple-red, single florets on strong upright spikes.

Michel Buchner, dwarf and stocky; double delicate lilac flowers.

Mme. Casimir Perier, double white flowers in compact clusters; free-flowering.

Ruhm von Horstenstein, single, reddish purple.

Waldeck-Rousseau, double, open panicles of rose. A landscape variety of tremendous value.

ORNAMENTAL SHRUBS—(Continued)

LILAC (*SYRINGA*)—(Continued)Common Purple (*vulgaris*) April-May. 12-15 ft.

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

		Per 10	Per 100	Per 1000
12 to 18 in.		\$1 40	\$12 00	\$-----
18 to 24 in.		2 40	20 00	-----
2 to 3 ft.		2 60	22 50	200 00

Common White (*vulgaris alba*) April-May. 10-15 ft.

Fragrant single, creamy-white flowers in loose panicles.

12 to 18 in.		1 70	14 00	-----
18 to 24 in.		2 10	18 00	-----
2 to 3 ft.		2 90	25 00	-----

japonica (Japanese Tree Lilac) June-July. 20-30 ft.

Pyramidal tree. Leaves pale green on under surfaces. Flowers yellowish-white in large panicles.

12 to 18 in.		2 50	-----	-----
18 to 24 in.		3 00	-----	-----
2 to 3 ft.		3 50	-----	-----

josikaea (Hungarian) June. 8-10 ft.

A distinct species; tree-like growth; dark green leaves; purple flowers.

12 to 18 in.		1 80	15 00	-----
18 to 24 in.		2 40	20 00	-----
2 to 3 ft.		2 90	25 00	-----

Persian Purple (*persica*) April-May. 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

12 to 18 in.		2 10	18 00	-----
18 to 24 in.		2 40	20 00	-----
2 to 3 ft.		2 90	25 00	-----
3 to 4 ft.		3 50	30 00	-----

rothomagensis (*chinensis*) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

12 to 18 in.		2 10	18 00	-----
18 to 24 in.		2 40	20 00	-----
2 to 3 ft.		2 80	24 50	220 00
3 to 4 ft.		3 55	31 00	280 00

villosa (Late Lilac) June. 8-10 ft.

Large, broad, plume-like panicles of delicate pink flowers; large leaves.

12 to 18 in.		1 90	16 00	-----
18 to 24 in.		2 40	20 00	-----
2 to 3 ft.		2 90	25 00	-----

PHILADELPHUS (MOCK ORANGE, *SYRINGA*)

Bouquet Blanc. May-June. 4-5 ft.

Close-set branches of fragrant double white flowers; rich green foliage.

12 to 18 in.		1 90	16 00	-----
18 to 24 in.		2 40	20 00	-----

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old-fashioned sweet-scented Mock Orange; free-flowering and vigorous.

12 to 18 in.		95	8 00	-----
18 to 24 in.		1 70	14 00	120 00

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.

Large scentless white flowers in clusters; branches somewhat straggling.

18 to 24 in.		1 70	14 00	120 00
2 to 3 ft.		2 10	18 00	150 00
3 to 4 ft.		2 60	22 50	200 00

ORNAMENTAL SHRUBS—(Continued)**PHILADELPHUS (MOCK ORANGE, SYRINGA)—(Continued)*****lemoinei* (Lemoine's Mock Orange) May-June. 4-5 ft.**

A free-flowering semi-dwarf variety; compact growth. Sweet scented.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 40	\$12 00	\$-----
18 to 24 in.	1 90	16 00	-----

***Virginal* May-June. 7-8 ft.**

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

12 to 18 in.	2 10	18 00	-----
18 to 24 in.	2 90	25 00	-----
2 to 3 ft.	4 00	35 00	-----
3 to 3½ ft.	5 00	45 00	-----

PHYSOCARPUS (NINEBARK)***opulifolius* (Common Ninebark) May-June. 8-10 ft.**

A fine massing shrub; dark green foliage, creamy white flowers followed by attractive reddish seed pods. Does well in partial shade.

18 to 24 in.	1 40	12 00	-----
2 to 3 ft.	1 90	16 00	-----
3 to 4 ft.	2 40	21 00	180 00
4 to 5 ft.	2 90	25 00	-----

***opulifolius aureus* (Goldleaf Ninebark) May-June. 8-10 ft.**

Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.

18 to 24 in.	1 40	12 00	-----
2 to 3 ft.	2 25	19 00	160 00
3 to 4 ft.	2 40	21 00	180 00
4 to 5 ft.	2 90	25 00	-----

***opulifolius nana* (Dwarf Ninebark) May-June. 4-5 ft.**

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

12 to 18 in.	1 20	10 00	85 00
18 to 24 in.	1 70	14 00	120 00
2 to 3 ft.	2 25	19 00	160 00
3 to 4 ft.	2 60	22 50	200 00

PRIVET (LIGUSTRUM)***Amur River North* (*amurensis*) June. 8-12 ft.**

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
9 to 12 in.	\$ 4 00	\$ 35 00
12 to 18 in. 2 canes and up	5 60	50 00
12 to 18 in. 3 " " "	7 00	60 00
18 to 24 in. 2 " " "	7 00	60 00
18 to 24 in. 3 " " "	8 50	75 00
2 to 3 ft. 2 and 3 canes and up	8 50	75 00
2 to 3 ft. 4 canes and up	12 00	100 00
3 to 4 ft. 4 " " "	14 50	125 00
3 to 4 ft. 5 " " "	18 00	150 00

***California* (*ovalifolium*) June-July. 8-12 ft.**

9 to 12 in., branched	3 50	30 00
12 to 18 in. 3 canes and up	4 50	40 00
18 to 24 in. 3 " " "	5 60	50 00
2 to 3 ft. 4 canes and up	7 50	65 00

***Iبولium* (Hardy California) June-July. 6-8 ft.**

Very similar to, but much hardier than California Privet, not as evergreen.

2 to 3 ft.	7 50	65 00
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ORNAMENTAL SHRUBS—(Continued)

PRIVET (*LIGUSTRUM*)—(Continued)*ibota* June. 6-8 ft.

Spreading habit, curving branches; grayish green leaves; pure white flowers followed by bluish black seeds. One of the hardiest varieties.

	Per 100	Per 1000
2 to 3 ft.	\$12 50	\$

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

2 to 2½ ft.	25 00	\$
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PRUNUS, Ornamental Plums. (See Deciduous Trees)

PURPLE FRINGE. (See *Rhus*)QUINCE JAPONICA. (See *Cydonia*)

RHODOTYPOS (JETBEAD)

kerrioides (White Kerria) April-May. 4-5 ft.

White flowers, followed by black fruits; does well in shaded places; excellent for mass planting where a low growth is desired.

Per 10	Per 100	Per 1000
12 to 18 in.	\$1 90	\$16 00
18 to 24 in.	2 50	22 00
2 to 3 ft.	3 20	28 00

RHUS (SUMAC)

aromatica (canadensis) Fragrant Sumac. April-May. 5-6 ft.

Low spreading shrub with clusters of small yellow flowers, red berries; fragrant foliage turns to orange and scarlet in the Fall.

12 to 18 in.	1 80	15 00	\$
18 to 24 in.	2 40	20 00	\$
2 to 3 ft.	2 90	25 00	\$
3 to 4 ft.	3 70	32 00	\$

cotinus (Smoke Tree; Purple Fringe) July-August. 10-12 ft.

A vigorous bushy grower with very ornamental foliage; yellowish-purple, feathery flowers give the effect of smoke. Autumn foliage reddish-brown.

18 to 24 in.	3 20	28 00	\$
2 to 3 ft.	4 00	35 00	\$
3 to 4 ft.	5 50	50 00	\$
4 to 5 ft.	6 50	60 00	\$

Cut Leaf (*typhina laciniata*) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

2 to 3 ft.	2 80	24 50	220 00	\$
3 to 4 ft.	3 20	28 00	250 00	\$

Smooth (*glabra*) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

18 to 24 in.	1 40	12 00	\$
2 to 3 ft.	2 10	18 00	\$
3 to 4 ft.	2 50	22 00	\$

Staghorn (*typhina*) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.

18 to 24 in.	1 40	12 00	\$
2 to 3 ft.	1 90	16 00	\$
3 to 4 ft.	2 50	22 00	\$
4 to 5 ft.	3 50	30 00	\$

RIBES (FLOWERING CURRANTS)

alpinum (Mountain Currant) April-May. 4-5 ft.

Dwarf, compact habit; fragrant yellow flowers, red berries. Suitable for hedges or mass planting. Very hardy.

12 to 15 in.	1 70	14 00	\$
15 to 18 in.	2 10	18 00	\$
18 to 24 in.	2 50	22 00	\$

ORNAMENTAL SHRUBS—(Continued)**RIBES (FLOWERING CURRANTS)—(Continued)****aureum (Golden Currant) May. 5-6 ft.**

A very hardy shrub; does well in shade; produces fragrant yellow flowers and brownish fruit.

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$2 10	\$18 00	\$-----
3 to 4 ft.	2 90	25 00	-----
4 to 5 ft.	4 00	35 00	-----

ROSE ACACIA (Robinia hispida) April-May. 6-8 ft.

A shrub Locust, attractive foliage; bears a profusion of rosy-pink flowers.

18 to 24 in.	2 90	25 00	-----
2 to 3 ft.	3 50	30 00	-----
3 to 4 ft.	4 50	40 00	-----

SNOWBALL (See Viburnum)**SORBARIA (ASH-LEAVED SPIREA) June-July. 5-6 ft.****sorbifolia**

Large fluffy heads of white flowers. Very attractive foliage.

12 to 18 in.	1 20	10 00	-----
18 to 24 in.	1 70	14 00	-----
2 to 3 ft.	2 10	18 00	-----

SPIREA**Anthony Waterer. June-September. 3-3½ ft.**

Very dwarf; free-flowering. Produces flat rose-red flower heads.

9 to 12 in.	1 40	12 00	100 00
12 to 15 in.	1 70	14 00	120 00
15 to 18 in.	2 25	19 00	160 00
18 to 24 in.	2 40	21 00	180 00

arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

12 to 18 in.	1 15	9 00	80 00
18 to 24 in.	1 40	12 00	100 00
2 to 3 ft.	2 00	16 50	140 00
3 to 3½ ft.	2 40	21 00	180 00

billardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

12 to 18 in.	1 15	9 00	80 00
18 to 24 in.	1 70	14 00	120 00
2 to 3 ft.	2 25	19 00	160 00
3 to 4 ft.	2 60	22 50	200 00

callosa alba (japonica alba) June-September. 3-3½ ft.

Similar in type of growth to Anthony Waterer, but with white flowers.

9 to 12 in.	1 20	10 00	-----
12 to 15 in.	1 80	15 00	-----
15 to 18 in.	2 40	20 00	-----

froebeli (Froebel) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rosy-pink flowers.

Foliage turns brilliant red in Autumn.

12 to 18 in.	1 25	10 50	90 00
18 to 24 in.	1 70	14 00	120 00
2 to 2½ ft.	2 25	19 00	160 00
2½ to 3 ft.	2 60	22 50	200 00
3 to 3½ ft.	3 20	28 00	250 00

Korean (trichocarpa) June. 5-6 ft.

Large flat heads of white flowers. Similar to Vanhoutte; blooms later.

12 to 18 in.	95	8 00	-----
18 to 24 in.	1 40	12 00	-----
2 to 3 ft.	1 90	16 00	-----
3 to 4 ft.	2 40	20 00	-----

opulifolia (See Physocarpus opulifolius)**opulifolia aurea (See Physocarpus opulifolius aureus)**

ORNAMENTAL SHRUBS—(Continued)

SPIREA—(Continued)

opulifolia nana (See *Physocarpus opulifolius nana*)*prunifolia* (Double Bridalwreath) April. 5-6 ft.

Double white flowers in clusters; bright green, plum-leaved foliage, turns to orange-red in Autumn. Hardy.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$1 90	\$16 00	\$
18 to 24 in.	2 40	20 00	
2 to 3 ft.	2 90	25 00	

sorbifolia (See *Sorbaria*; Ash-leaved Spirea)*thunbergi* (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

12 to 18 in.	1 40	12 00	
18 to 24 in.	1 80	15 00	
2 to 2½ ft.	2 10	18 00	

vanhouttei April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

12 to 18 in.	80	7 00	60 00
18 to 24 in.	1 25	10 50	90 00
2 to 3 ft.	1 70	14 00	120 00
3 to 4 ft.	2 25	19 00	160 00
4 to 5 ft.	2 50	22 00	

SYMPHORICARPOS (SNOWBERRY)

chenaultii (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

12 to 18 in.	70	6 00	
18 to 24 in.	1 15	9 00	80 00
2 to 3 ft.	1 70	14 00	120 00

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

12 to 18 in.	70	6 00	
18 to 24 in.	1 15	9 00	80 00
2 to 3 ft.	1 70	14 00	120 00
3 to 3½ ft.	2 10	18 00	150 00

vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

12 to 18 in.	70	6 00	
18 to 24 in.	1 15	9 00	80 00
2 to 3 ft.	1 70	14 00	120 00
3 to 3½ ft.	2 10	18 00	150 00

TAMARIX

12 to 18 in.	1 20	10 00	
18 to 24 in.	1 70	14 00	
2 to 3 ft.	2 10	18 00	
3 to 4 ft.	2 50	22 00	

africana. May. 10-12 ft.

Slender spreading branches, reddish brown bark, pink flowers.

amurensis (Amur Tamarix) August-September. 8-10 ft.

Purple branches, graceful foliage. Thrives in dry soil.

hispida (Kashgar Tamarix) August-September. 12-15 ft.

Slow, compact, upright growth; long panicles of bright pink flowers.

odessana (Odessa Tamarix) July. 6-8 ft.

Dwarf, bushy growth; loose panicles of lavender-pink flowers.

tetrandra purpurea. May-June. 10-12 ft.

Vigorous growth, bright green foliage, pink flowers. Very hardy.

hispida rubra. New wine-red flowering form of *Tamarix hispida*.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$2 40	\$20 00	\$
18 to 24 in.	3 50	30 00	

NOTE: Tamarix should be cut to the ground when planted. If this is not done, it is doubtful that plants will grow.

ORNAMENTAL SHRUBS—(Continued)

VIBURNUM**americanum (American Cranberrybush) April-May. 8-12 ft.**

A large spreading shrub; white flowers followed by scarlet fruit that remains until Spring.

	Per 10	Per 100	Per 1000
12 to 18 in.	\$2 10	\$18 00	\$-----
18 to 24 in.	2 90	25 00	-----
2 to 3 ft.	3 50	30 00	-----

dentatum (Arrowwood) May. 10-12 ft.

A splendid massing shrub, beautiful glossy green foliage, greenish-white flowers; bluish-black berries. Withstands considerable shade.

12 to 18 in.	1 70	14 00	120 00
18 to 24 in.	2 10	18 00	150 00
2 to 3 ft.	2 40	20 00	-----
3 to 4 ft.	3 20	28 00	-----

lantana (Wayfaringtree) May. 10-15 ft.

Attractive dark green wrinkled leaves, white flowers, red fruit in Autumn; retains its foliage very late.

12 to 18 in.	1 70	14 00	120 00
18 to 24 in.	2 10	18 00	150 00
2 to 3 ft.	2 40	20 00	-----

opulus (European Cranberry Bush; Highbush Cranberry) April-May. 10-12 ft.

A popular, hardy shrub, single white flowers followed by large bunches of crimson berries which hang until destroyed by frost.

12 to 18 in.	1 90	16 00	-----
18 to 24 in.	2 60	22 50	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	-----

opulus sterilis (Common Snowball) April-May. 10-12 ft.

Well known and justly popular. Flowers appear in numerous compact balls.

12 to 18 in.	2 25	19 00	160 00
18 to 24 in.	2 60	22 50	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 00	35 00	-----

tomentosum (Single Japan Snowball) May-June. 8-10 ft.

A most superb flowering shrub. Delicate pure white flowers are borne in wheel-like clusters on horizontal branches. Red fruits are produced.

12 to 18 in.	1 90	16 00	-----
18 to 24 in.	2 40	20 00	-----
2 to 3 ft.	3 00	-----	-----

VITEX macrophylla (Big-leaved Chaste Tree) July to frost. 3-6 ft.

Semi-dwarf flowers lavender-blue. Hardy.

2 to 3 ft.	2 50	-----	-----
3 to 4 ft.	3 50	-----	-----

WEIGELA (DIERVILLA)**Bristol Ruby.** Plant patent 492. With hardiness as the outstanding characteristic this new ruby-red Weigela will have a multitude of uses. Attaining a height of 6 to 7 feet at maturity, it makes a perfectly formed specimen; no die-back or uneven growth at any time.

	Retail Resale Prices			Wholesale Prices	
	Each	Per Three	Per Doz.	Per Doz.	Per 100
2 yr., 18 to 24 in.	\$1 00	\$2 75	\$10 00	\$5 00	\$37 50
2 yr., 2 to 3 ft.	1 25	3 25	12 50	6 00	45 00
3 yr., 3 to 4 ft.	1 75	4 50	17 50	8 50	65 00

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage; clear ruby-red trumpet-shaped flowers over long season.

	Per 10	Per 100	Per 1000
18 to 24 in.	\$2 90	\$25 00	\$-----
2 to 3 ft.	3 50	30 00	-----
3 to 4 ft.	4 50	40 00	-----

ORNAMENTAL SHRUBS—(Continued)

WEIGELA (DIERVILLA)—(Continued)

floribunda (Crimson Weigela) May-June. 6-8 ft.

Lighter red flowers than Eva Rathke, but a much stronger grower.

	Per 10	Per 100	Per 1000
18 to 24 in.	\$2 40	\$20 00	\$
2 to 3 ft.	2 90	25 00	
3 to 4 ft.	4 00	35 00	

rosea (Pink Weigela) May-June. 6-8 ft.

Erect, compact growth; fine rose-colored flowers. Used extensively.

12 to 18 in.	1 40	12 00	
18 to 24 in.	1 90	16 00	
2 to 3 ft.	2 40	20 00	
3 to 4 ft.	3 20	28 00	

Variegated (Variegated-leaf Weigela) May-June. 4-5 ft.

Dwarf; leaves margined creamy white; flowers pink. One of the most useful variegated shrubs.

12 to 18 in.	1 80	15 00	
18 to 24 in.	2 10	18 00	
2 to 3 ft.	2 90	25 00	

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

engelmanni (Engelmann Creeper) 30-40 ft.

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall; Blue-black fruit.

Per 10 Per 100 Per 1000

2 year, Medium	\$1 40	\$12 00	\$100 00
" No. 1	2 10	18 00	150 00

quinquefolia (Virginia Creeper) July-August. 30-40 ft.

A perfectly hardy, rapid climber; large, five-lobed leaves which change to bright scarlet in Autumn.

2 year, Medium	1 40	12 00	100 00
" No. 1	2 10	18 00	150 00

ARISTOLOCHIA

tomentosa (Pipe Vine). 30-40 ft.

Smaller leaves than Dutchman's Pipe; yellow flowers.

18 to 24 in.	1 90	16 00	
2 to 3 ft.	2 40	20 00	

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

2 year, Medium	1 15	9 00	
" No. 1	1 40	12 00	

CELASTRUS

orbiculatus (Oriental Bittersweet) 30-40 ft.

Blue-green foliage; showy orange-red fruit. Produces more fruits but they are smaller than those of the Native Bittersweet.

2 year, Medium	1 40	12 00	
" No. 1	1 90	16 00	

scandens (American Bittersweet) 20-25 ft.

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

2 year, Medium	1 40	12 00	
" No. 1	1 90	16 00	

CLIMBING VINES—(Continued)

CLEMATIS

Large-Flowering. May-June. 8-10 ft.

Among the most decorative of all flowering vines; usually considered to be tender climbers, but have withstood temperatures of 40 degrees below zero when a protective mulch was used.

		Per 10	Per 100	Per 1000
2 year, Medium		\$3 50	\$30 00	\$-----
" No. 1		4 50	40 00	-----
3 in. pots, staked with 24 in. tops		3 50	30 00	-----

Henryi, large, single, creamy-white flowers of fine form.

Jackmanni, large, single, velvety, violet-purple; blooms profusely.

Mme. Andre, large rich, purplish-crimson flowers.

Ramona, short-pointed buds, rounded blooms of clear lavender-blue.

paniculata (Sweet Autumn Clematis) September. 20-30 ft.

A light but vigorous grower; small white fragrant flowers in Autumn.

		Per 10	Per 100	Per 1000
2 year, Medium		2 50	22 00	-----
3 year, No. 1		3 70	32 00	-----

EUONYMUS

radicans (Winter Creeper) 15-20 ft.

A fine evergreen vine; rose-red berries. Especially desirable for winter effect. Can be used also for edging and as a ground cover.

2 year, 9 to 12 in.		2 40	20 00	-----
" 12 to 15 in.		2 90	25 00	-----
" 15 to 18 in.		3 50	30 00	-----

radicans vegetus (Big Leaf Winter Creeper) 15-20 ft.

Large glossy green foliage; scarlet berries. Evergreen.

2 year, 9 to 12 in.		3 50	30 00	-----
" 12 to 15 in.		4 00	35 00	-----
" 15 to 18 in.		5 00	45 00	-----

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.

Flowers flame-coral, inside clear yellow, produced in clusters.

2 year, No. 1		3 50	30 00	250 00
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Hall's Japan (Japonica Halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

2 year, Medium		1 15	9 00	-----
" No. 1		1 70	14 00	120 00

Scarlet Trumpet (semperflorens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

2 year, Medium		1 40	12 00	-----
" No. 1		1 90	16 00	-----

Summer King (Heckrottii) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease- and pest-free.

2 year, Medium		2 40	21 00	180 00
" No. 1		2 80	24 50	220 00

Yellow Trumpet (semperflorens sulphurea) May-August. 10-12 ft.

An attractive vine; light green foliage; clear yellow tubular flowers.

2 year, Medium		1 40	12 00	-----
" No. 1		1 90	16 00	-----

KUDZU VINE (Pueraria thunbergiana) August. 40-60 ft.

Rosy-purple pea-shaped flowers in small racemes; large foliage.

2 year, Medium		1 20	10 00	-----
" No. 1		1 70	14 00	-----

MATRIMONY VINE (Lycium chinensis) June-September. 6-12 ft.

Purple flowers, crimson fruits; a vigorous woody vine for embankments, etc.

2 year, Medium		1 40	12 00	-----
" No. 1		1 90	16 00	-----

CLIMBING VINES—(Continued)**POLYGONUM auberti**

(Silver Lace Vine; Chinese Fleecevine) July-September 25-30 ft.

A fast-growing, twining vine; light green leaves, fleecy white flowers.

	Per 10	Per 100	Per 1000
2 year, Medium	\$2 90	\$25 00	\$-----
" No. 1	3 50	30 00	-----

WISTERIA**American (frutescens) June-July. 20-25 ft.**

Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.

2 year, Medium	1 40	12 00	-----
" No. 1	1 90	16 00	-----

Chinese Blue (sinensis) May. 30-40 ft.

Long, attractive drooping clusters of pea-shaped flowers.

2 year, Medium from blooming wood	2 40	20 00	-----
" No. 1 " "	2 90	25 00	-----

Chinese White (sinensis alba) May. 30-40 ft.

White form of above

2 year, Medium	2 40	20 00	-----
" No. 1	2 90	25 00	-----

Multijuga Blue, Japanese Wisteria. May. 40-50 ft.

Deep blue flowers in clusters, sometimes two feet long. Strong grower.

2 year, Medium	1 80	15 00	-----
" No. 1	2 40	20 00	-----

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)**atropurpurea, (Red Leaved Barberry)**

We offer a very select strain of Atropurpurea; the foliage is of a deeper red and is more sunburn-resistant. Our plants are one hundred percent true to color and produce an abundance of berries.

Per 100 Per 1000

9 to 12 in., 2 year seedlings, branched	\$ 5 60	\$ 50 00
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thunbergii (Japanese Barberry)

9 to 12 in., 2 year seedlings, branched	2 60	22 00
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12 to 18 in., 2 and 3 year seedlings, branched	3 50	30 00
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CARAGANA arborescens (Siberian Pea Tree)

6 to 12 in.	80	7 00
12 to 18 in.	1 20	10 00

HONEYSUCKLE (Lonicera)**Tatarian—Pink, Red, White**

9 to 12 in.	3 50	30 00
12 to 18 in.	5 60	50 00
18 to 24 in.	8 00	70 00

MULBERRY (MORUS) Russian, tatarica

6 to 12 in.	60	5 00
12 to 18 in.	1 20	10 00
18 to 24 in.	1 80	15 00
2 to 3 ft.	2 40	20 00
3 to 4 ft.	3 10	27 00

PRIVET—See Ornamental Shrubs.**SPIREA vanhoutte**

9 to 12 in.	3 50	30 00
10 to 15 in.	4 50	40 00
12 to 18 in.	5 60	50 00
18 to 24 in.	7 50	65 00

NOTE: HONEYSUCKLE Heckrottii makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlapped)

Our Evergreens are all grown at good distance for symmetrical development, are root- and top-pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry ten percent additional charge above the following listed price.

All evergreens sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

Evergreens can be supplied with the roots puddled if desired at 15c and 20c reduction from the listed prices on 18 to 24 inch and 2 to 3 foot sizes respectively.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

ABIES (FIR)**balsamea (Balsam) 50-60 ft.**

Per 10 Per 100

Cone-shaped; dark green leaves; wood sometimes used for lumber.		
2 to 3 ft.	\$ 16 50	\$150 00
3 to 4 ft.	19 00	175 00
4 to 5 ft.	22 50	-----

concolor (White) 70-80 ft.

Long, soft, grayish-blue needles. One of the finest evergreens of this type.

18 to 24 in.	16 50	150 00
2 to 2½ ft.	19 00	-----
2½ to 3 ft.	22 00	-----

douglasi (Douglas) (*Pseudotsuga douglasi*) 70-80 ft.

Bluish-green foliage. One of our most important Evergreen trees. Stands crowding well, considerable shade, and responds to trimming.

18 to 24 in.	10 00	90 00
2 to 3 ft.	14 00	125 00
3 to 4 ft.	16 50	-----

VARIETIES OF JUNIPER CHINENSIS**JUNIPERUS (JUNIPER)****chinensis mascula (Pyramidal Chinese Juniper) 15-20 ft.**

Two distinct types of foliage are found in this unusual tree. Bears yellowish-white berries.

2 to 2½ ft.	19 00	-----
2½ to 3 ft.	25 00	-----
3 to 3½ ft.	27 50	-----
3½ to 4 ft.	32 50	-----
4 to 5 ft.	37 50	-----

chinensis pfitzeriana (Pfitzer Juniper) 6-8 ft. spread.

Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy.

15 to 18 in. spread (compactly sheared)	13 50	-----
18 to 24 in. "	16 50	\$150 00
2 to 2½ ft. "	22 50	200 00
2½ to 3 ft. "	27 50	250 00
3½ to 4 ft. " (unsheared)	35 00	-----

chinensis pfitzeriana, Staked Upright

The Pfitzer at its best. A splendid tree to fill the popular demand for intermediate height. Will stand considerable shade.

2½ to 3 ft.	25 00	-----
3 to 3½ ft.	30 00	-----
3½ to 4 ft.	35 00	-----

chinensis pfitzeriana aurea (Hill Golden Pfitzer Juniper)

A strong, robust grower. In spring, foliage is clear yellow. Loses some of its bright color during summer and becomes almost green in winter.

15 to 18 in.	15 00	-----
18 to 24 in.	17 50	-----

chinensis pyramidalis glauca (Blue Columnar Juniper) 15-20 ft.

Attractive glaucous blue color; sharp prickly leaves. Does well in hot dry locations, is also immune to severe cold.

2 to 2½ ft.	19 00	-----
2½ to 3 ft.	22 50	-----
3 to 3½ ft.	27 50	\$250 00
3½ to 4 ft.	30 00	-----

EVERGREENS—(Continued)

JUNIPERUS (JUNIPER)—(Continued)***chinensis pyramidalis* Green (Green Columnar Juniper) 15-20 ft.**

The description of the blue form applies also to the green. However the color is bright green with some foliage variations.

	Per 10	Per 100
2 to 2½ ft.	\$ 19 00	\$175 00
2½ to 3 ft.	25 00	225 00
3 to 3½ ft.	27 50	250 00
3½ to 4 ft.	32 50	-----

***communis canadensis* (Common Juniper) 2½-3 ft.**

Vase-shaped branch formation, grayish-green foliage. In demand as intermediate height is always needed. Very hardy.

18 to 24 in. spread	13 50	-----
2 to 2½ ft. "	17 50	-----
2½ to 3 ft. "	22 50	-----

***communis canadensis depressa* (Prostrate Juniper)**

Vigorous-growing, low spreading habit. Dark gray-green foliage.

15 to 18 in.	11 00	-----
18 to 24 in.	13 50	-----
2 to 2½ ft.	15 00	-----
2½ to 3 ft.	17 50	-----

***communis canadensis depressa aurea* (Golden Rod Juniper) 3-4 ft. Spread.**

Vigorous-growing, low spreading habit. Golden yellow foliage.

2 to 2½ ft. spread	16 50	-----
2½ to 3 ft. "	19 50	-----
3 to 3½ ft. "	22 50	-----

***communis hibernica* (Irish Juniper) 6-8 ft.**

Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.

18 to 24 in.	8 00	75 00
2 to 3 ft.	11 00	100 00

***communis suecica* (Swedish Juniper) 5-6 ft.**

Narrow upright growth; compact, grayish-green prickly needles.

18 to 24 in.	10 00	-----
2 to 3 ft.	12 50	-----

VARIETIES OF MISCELLANEOUS JUNIPERS***excelsa stricta* (Spiny Greek Juniper)**

Compact, well shaped pyramidal form; foliage gray-green.

18 to 24 in.	16 50	-----
2 to 2½ ft.	19 50	-----

***horizontalis douglasii* (Waukegan Creeping Juniper) 5-6 ft. spread.**

Soft, bluish-green, whipcord foliage, has purplish cast in winter. An ideal tree for terraces, borders and rockeries.

18 to 24 in. spread	13 50	-----
2 to 2½ ft. "	16 50	-----
2½ to 3 ft. "	19 00	-----

***horizontalis plumosa* (Andorra Creeping Juniper) 5 ft. spread**

A dwarf spreading Juniper of silvery green color; foliage turns to pinkish or purple color in Autumn, a distinct color which holds until Spring.

18 to 24 in. spread	13 50	-----
2 to 2½ ft. "	16 50	-----
2½ to 3 ft. "	19 50	-----
3½ to 4 ft. "	25 00	-----

***sabina* (Savin Juniper) 3-4 ft.**

Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.

18 to 24 in. spread	16 50	150 00
2 to 2½ ft. "	20 00	185 00
2½ to 3 ft. "	22 50	-----
3 to 3½ ft. "	27 50	-----
3½ to 4 ft. "	35 00	-----

EVERGREENS—(Continued)**JUNIPERUS (JUNIPER)—(Continued)****sabina, Staked Upright. 3-4 ft.**

The regular Sabina, pruned to a central stem when young, then staked to secure height. Makes a novel tree for intermediate height. Per 10 Per 100

18 to 24 in.	\$ 17 50	\$ -----
2 to 2½ ft.	22 50	-----

sabina tamariscifolia (Tamarix Savin) 6-8 ft. spread.

A beautiful trailing form of Savin. Foliage is of soft texture, green with bluish undertone; holds its color well in winter.

15 to 18 in. spread	15 00	135 00
18 to 24 in. "	17 50	-----
2 to 2½ ft. "	22 50	-----
2½ to 3 ft. "	27 50	-----

sabina vonehron. 10 ft.

A more upright Sabina with deep rich color, and of more rapid growth. Quite loose and open in appearance.

15 to 18 in.	11 00	-----
18 to 24 in.	13 50	-----
2 to 2½ ft.	16 50	-----
2½ to 3 ft.	19 50	-----
3 to 3½ ft.	25 00	-----

squamata meyeri (Meyer Juniper) 3-4 ft. Semi-upright.

A dwarf tree of irregular upright growth, leaves are broad, plump, and a bright bluish green.

15 to 18 in.	13 50	-----
18 to 24 in.	17 50	-----

virginalis. 3-4 ft.

Dark green. A tree which makes a strong, rapid, thrifty growth. We recommend this tree particularly to anyone seeking a new improved form of low growing Juniper.

15 x 15 in.	10 00	-----
18 x 18 in.	12 50	-----

VARIETIES OF JUNIPER SCOPULORUM**scopulorum (Colorado Silver Juniper) 25-30 ft.**

Seedling form of the widely known and valuable Western Juniper. Silvery foliage, symmetrical growth. Thrives in hot, dry weather.

2 to 2½ ft.	17 50	160 00
2½ to 3 ft.	21 00	190 00
3 to 3½ ft.	25 00	225 00
3½ to 4 ft.	28 50	260 00
15x15 in. globe sheared	13 50	-----

scopulorum argentea Blue Moon. 18-20 ft.

Bushy, broad pyramid; silvery-blue color, fine delicate foliage.

2 to 2½ ft.	25 00	225 00
2½ to 3 ft.	30 00	275 00
3 to 3½ ft.	35 00	325 00
3½ to 4 ft.	37 50	-----

scopulorum argentea Silver Glow 18-20 ft.

A narrow, attractive silvery blue tree of rapid growth: branches grow almost vertically.

2½ to 3 ft.	27 50	-----
3 to 3½ ft.	32 50	-----
3½ to 4 ft.	37 50	-----

scopulorum Chandler's Silver. 18-20 ft.

A very silvery-blue color; a compact grower with slightly weeping branches.

2 to 2½ ft.	25 00	225 00
2½ to 3 ft.	30 00	275 00
3 to 3½ ft.	35 00	325 00
3½ to 4 ft.	37 50	-----

EVERGREENS—(Continued)**JUNIPERUS (JUNIPER)—(Continued)*****scopulorum columnaris.* 18-20 ft.**

A selected type with narrow, upright growth; gray-green foliage.

	Per 10	Per 100
3 to 3½ ft.	\$ 32 50	\$-----
3½ to 4 ft.	37 50	-----

***scopulorum funalis.* 18-20 ft.**

Bluish-green, whipcord foliage, retaining nearly the same color throughout the year. Pyramidal habit of growth; hardy.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	27 50	-----
3 to 3½ ft.	32 50	-----
3½ to 4 ft.	37 50	-----

***scopulorum Gareei.* 4-5 ft.**

A low spreading form somewhat similar to Juniper Pfitzeriana. Bluish-green foliage.

15 to 18 in. spread	15 00	-----
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***scopulorum Gareei Compacta.* 10-12 ft.**

A beautiful compact green cone-shaped Juniper of special merit. One of our best green types.

2½ to 3 ft.	30 00	-----
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***scopulorum horizontalis (Silver Hill Juniper)* 15-18 ft.**

Compact, symmetrical and of bright light bluish color. One of the leading ornamental trees.

2 to 2½ ft.	25 00	225 00
2½ to 3 ft.	30 00	275 00
3 to 3½ ft.	35 00	325 00
3½ to 4 ft.	40 00	375 00
4 to 4½ ft.	42 50	-----

***scopulorum Marshall's.* 18-20 ft.**

Columnar growth; light frosty blue foliage; a valuable addition to our splendid assortment of fine ornamental Evergreens.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	27 50	-----
3 to 3½ ft.	35 00	325 00
3½ to 4 ft.	40 00	375 00

***scopulorum Moffeti.* 18-20 ft.**

An attractive tree with mixed green and silver foliage, more silver on tips of branches. A splendid tree even when not sheared.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	27 50	-----
3 to 3½ ft.	35 00	325 00
3½ to 4 ft.	40 00	375 00

***scopulorum Pathfinder.* 18-20 ft.**

A very popular new silvery-blue Scopulorum. Arbor Vitae like, flat foliage and pyramidal habit of growth.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	-----

***scopulorum steeni.* 20-30 ft.**

Foliage greenish-silver, tips of branches more silvery. Branches turn up. Full at base.

2½ to 3 ft.	27 50	-----
3 to 3½ ft.	32 50	-----
3½ to 4 ft.	37 50	-----

EVERGREENS—(Continued)**JUNIPERUS (JUNIPER)—(Continued)*****scopulorum sutherland.* 12-15 ft.**

One of the most desirable and very outstanding green foliaged, cone-shaped Junipers.

	Per 10	Per 100
2 to 2½ ft.	\$ 25 00	\$ -----
2½ to 3 ft.	30 00	-----
3 to 3½ ft.	35 00	-----

***scopulorum viridifolia* (North Star Juniper) 18-20 ft.**

Light shiny green, whipcord foliage; pyramidal growth. This tree will hold its color exceptionally well throughout the winter.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	27 50	-----
3 to 3½ ft.	32 50	-----
3½ to 4 ft.	37 50	-----

***scopulorum Welchi.* 12-15 ft.**

Pyramidal compact, requires no trimming. Foliage silvery-green.

2½ to 3 ft.	27 50	-----
3 to 3½ ft.	32 50	-----

VARIETIES OF VIRGINIANA JUNIPERS***virginiana* (Red Cedar) 30-40 ft.**

Upright growth with dark green foliage, sometimes silver. Excellent pyramidal tree if kept sheared.

2 to 3 ft. sheared	14 00	125 00
3 to 3½ ft. "	16 50	150 00
3½ to 4 ft. "	20 00	185 00
4 to 5 ft. "	26 00	235 00
5 to 6 ft. "	37 50	350 00
6 to 8 ft. "	50 00	450 00
18x18 in. globe sheared	16 50	-----
24x24 in. " "	20 00	-----
30x30 in. " "	25 00	-----
24x30 in. semi-globe sheared	18 50	-----
30x36 in. " " "	23 50	-----

***virginiana burki* (Burk's Juniper) 10-15 ft.**

Dark steel-blue foliage; upright broad, symmetrical habit of growth.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	30 00	275 00

***virginiana canaerti* (Canaert's Red Cedar) 15-18 ft.**

Soft, dark green foliage; the most popular of the many grafted varieties. Holds its color well throughout the year. Frequently produces silvery-blue berries.

2 to 2½ ft.	25 00	225 00
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	-----

***virginiana columnaris glauca*. 15-20 ft.**

A good steel-blue sport of Virginiana that appears to be worthy of special merit; responds well to close shearing and special care.

2 to 2½ ft.	25 00	225 00
2½ to 3 ft.	27 50	250 00

***virginiana columnaris* Green. 15-20 ft.**

A splendid dark-green type of Virginiana of uniform, pyramidal growth.

2 to 2½ ft.	22 50	-----
2½ to 3 ft.	25 00	-----
3 to 3½ ft.	27 50	-----
3½ to 4 ft.	32 50	-----

EVERGREENS—(Continued)**JUNIPERUS (JUNIPER)—(Continued)*****virginiana elegantissima lee (Gold Tip Red Cedar) 12-15 ft.***

Forms a broad pyramidal tree; branches have bright yellow tips turning bronze in winter making a pleasing color variation.

	Per 10	Per 100
18 to 24 in. staked semi-upright-----	\$ 19 00	\$175 00
2 to 2½ ft. " " "	22 50	200 00
2½ to 3 ft. " " "	25 00	-----
3 to 3½ ft. " " "	30 00	-----

virginiana glauca (Silver Red Cedar) 18-20 ft.

Uniquely attractive; the broadly conical form and beautiful glaucous blue foliage make it one of the choicest Junipers.

2 to 2½ ft. sheared -----	22 50	200 00
2½ to 3 ft. " -----	27 50	250 00
3 to 3½ ft. " -----	32 50	300 00
3½ to 4 ft. " -----	35 00	-----

virginiana globosa (Globe Red Cedar) 3-4 ft.

One of the most valuable globe and dwarf Junipers; compact, natural globe habit of growth. Fine rich green foliage.

15x15 in. -----	15 00	-----
18x18 in. -----	19 00	175 00
24x24 in. -----	22 50	-----

virginiana keteleeri. 15-18 ft.

Medium-sized pyramidal tree of light green color, does not turn brown in winter. A fine disease-resistant, hardy variety.

2 to 2½ ft. -----	22 50	-----
2½ to 3 ft. -----	27 50	250 00
3 to 3½ ft. -----	32 50	300 00
3½ to 4 ft. -----	37 50	350 00

virginiana kosteri. 4-5 ft.

Low spreading variety with half erect arching branches; bluish-green foliage. Very hardy.

15 to 18 in. spread -----	16 50	150 00
18 to 24 in. " -----	19 00	175 00
2 to 2½ ft. " -----	25 00	225 00

virginiana pyramidalis (Pyramidal Red Cedar) 10-12 ft.

Intense green foliage, narrow columnar habit with branches ascending upward. One of the most interesting and attractive better evergreens.

2 to 2½ ft. -----	25 00	225 00
2½ to 3 ft. -----	30 00	275 00

virginiana pyramidiformis (Dundee Juniper) 15-20 ft.

Compact symmetrical growth; grayish green foliage, changes to deep purple in winter. The foliage is retained the entire length of each branch.

3 to 3½ ft. -----	32 50	-----
3½ to 4 ft. -----	37 50	350 00

virginiana schotti (Schott Red Cedar) 18-20 ft.

A pyramidal variety differing from Canaerti in that foliage is yellowish-green color and that tips of the foliage turn up.

3½ to 4 ft. -----	35 00	-----
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LARIX (LARCH)***europaea (European) 40-50 ft.***

A deciduous conifer. Soft, light green foliage changes to yellow in the fall. A rapid-growing pyramidal tree. Very hardy.

6 to 7 ft. -----	35 00	-----
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EVERGREENS—(Continued)

PICEA (SPRUCE)***excelsa* (Norway Spruce) 60-70 ft.**

	Per 10	Per 100
18 to 24 in.	\$ 11 00	\$100 00
2 to 3 ft.	15 00	135 00

***glauca densata* (Black Hill Spruce) 40-50 ft.**

Usually symmetrical, compact, and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.

15 to 18 in.	9 00	85 00
18 to 24 in.	12 50	115 00
2 to 2½ ft.	15 50	140 00

PINUS (PINE)***banksiana* (Jack Pine) 40-50 ft.**

A rugged northern pine; fast, irregular growth; very hardy. Short, light green foliage.

5 to 6 ft.	30 00	-----
6 to 7 ft.	37 50	350 00
7 to 8 ft.	40 00	375 00
8 to 9 ft.	50 00	-----

***montana mughus* (Mugo Pine) 3-4 ft.**

Dwarf, round-headed pine, compact deep green foliage. Free from insects and pests. Will grow in almost any location.

18 to 24 in. spread	25 00	-----
2 to 2½ ft. "	30 00	-----

***nigra* (Austrian or Black Pine) 60-70 ft.**

Remarkably robust, spreading; leaves long, stiff and dark green. Hardy. Used extensively in cities, as it is not affected by coal-gas and smoke.

3 to 4 ft.	25 00	-----
4 to 5 ft.	30 00	-----
5 to 6 ft.	35 00	-----

***ponderosa* (Western Yellow or Bull Pine) 60-70 ft.**

A hardy, free-growing, upright tree, very deep-rooted and drought-resistant. Long, somewhat pendulous, dark green foliage.

2 to 3 ft.	16 50	150 00
3 to 4 ft.	20 00	185 00
4 to 5 ft.	25 00	225 00
5 to 6 ft.	30 00	275 00

***sylvestris* (Scotch Pine) 60-70 ft.**

Foliage, light green with bluish cast; reddish-brown branches form a rounded head; will thrive in almost all soils. Very hardy.

2 to 3 ft.	14 00	125 00
3 to 4 ft.	17 50	160 00
4 to 5 ft.	22 50	200 00
5 to 6 ft.	27 50	250 00
6 to 7 ft.	50 00	450 00
7 to 8 ft.	60 00	-----
8 to 10 ft.	85 00	-----

PSEUDOTSUGA (See Abies)**TAXUS*****cuspidata* (Spreading Japanese Yew) 5-6 ft.**

Rich dark green foliage; spreading, bushy habit. Plant in shaded location for best results. Valuable for hedging and foundation planting.

15 to 18 in. spread	22 50	-----
18 to 24 in. "	27 50	-----
2 to 2½ ft. "	32 50	-----

THUJA (ARBOR VITAE)***occidentalis* (American) (White Cedar) 30-40 ft.**

A beautiful tree, native in the Northern States; thrives in damp, moist locations; especially desirable for screens and hedges.

2 to 3 ft.	8 00	-----
3 to 4 ft.	11 00	100 00
4 to 5 ft.	13 50	-----

EVERGREENS—(Continued)

THUJA (ARBOR VITAE)—(Continued)

occidentalis globosa (American Globe A. V.) 2½-3 ft.

Naturally globe-shaped; light green foliage.

Per 10

10 00

15 x 15 in. -----

12 50

18 x 18 in. -----

occidentalis woodwardi (Woodward Globe A. V.) 3-4 ft.

A good bushy, naturally globe-shaped tree of compact form and good color; an old variety but still one of the best.

12 x 12 in. -----

8 00

15 x 15 in. -----

11 00

100 00

18 x 18 in. -----

14 00

125 00

orientalis (biota) (Chinese A. V.) 20-25 ft.

A broadly pyramidal tree, native of Asia; dense, compact dark green foliage dulling to bronzy green in winter.

2 to 3 ft. -----

13 50

3 to 4 ft. -----

17 50

4 to 5 ft. -----

22 50

5 to 6 ft. -----

27 50

TSUGA (HEMLOCK)

canadensis (Canada Hemlock) 50-60 ft.

Light green foliage in flat fronds which droop gracefully; valuable for landscape use in partial or heavy shade; broad, conical growth.

2 to 2½ ft. -----

22 50

200 00

2½ to 3 ft. -----

25 00

225 00

3 to 3½ ft. -----

30 00

275 00

3½ to 4 ft. -----

37 50

350 00

4 to 5 ft. -----

42 50

EVERGREENS FOR LINING OUT

O—Seedlings

XX—Twice Transplanted

X—Transplants

R.P.—Root Pruned

50 of any one variety and size at the hundred rate.

500 of any one variety and size at the thousand rate.

ABIES BALSAMEA (Balsam Fir)

Per 100

Per 1000

2 to 4 in. R.P. -----

1 40

12 00

6 to 9 in XX -----

7 00

9 to 12 in XX -----

11 00

ABIES DOUGLASI (Douglas Fir)

2 to 3 in. R.P. -----

1 40

12 00

4 to 6 in. R.P. -----

2 40

20 00

4 to 6 in. X -----

8 00

70 00

6 to 9 in. X -----

10 00

90 00

9 to 12 in. XX -----

14 50

125 00

EVERGREEN GRAFTS

One-Year Field-Grown, twice transplanted

Per 100

Per 1000

JUNIPER, Named Varieties:

\$ 50 00

\$ -----

Juniper Chinensis Pfitzeri Aurea

Juniper Chinensis Pfitzeri Kallay's Compacta

Juniper Chinensis Pyramidalis Blue

Juniper Chinensis Pyramidalis Green

Juniper Sabina Tamariscifolia

Juniper Scopulorum Columnaris

Juniper Scopulorum Pathfinder

Juniper Scopulorum Viridifolia (North Star Juniper)

Juniper Virginiana Canaerti

Juniper Virginiana Glauca

Juniper Virginiana Keteleeri

Juniper Virginiana Omaha No. 10.

Juniper Virginiana Pyramidalis

Juniper Virginiana Pyramidiformis

EVERGREENS FOR LINING OUT—(Continued)

JUNIPER SCOPULORUM, Montana Type. (Silver Cedar)	Per 100	Per 1000
2 to 4 in. R.P.	\$ 2 40	\$ 20 00
4 to 6 in. R.P.	3 50	30 00
6 to 9 in. R.P.	4 50	40 00
9 to 12 in. R.P.	5 60	50 00
12 to 18 in. R.P.	7 50	65 00
6 to 9 in. X	10 00	90 00
9 to 12 in. X	13 00	110 00
12 to 18 in. XX	20 00	175 00
JUNIPER VIRGINIANA, Platt River and Northern Type. (Red Cedar)		
2 to 4 in. R.P.	2 40	20 00
4 to 6 in. R.P.	2 90	25 00
6 to 9 in. R.P.	3 50	30 00
9 to 12 in. R.P.	4 50	40 00
9 to 12 in. X	10 00	90 00
12 to 18 in. XX	18 00	150 00
18 to 24 in. XX	21 00	180 00
2 to 3 ft. XXX	25 00	225 00
PINUS NIGRA (Austrian Pine)		
2 to 4 in. R.P.	2 10	18 00
4 to 6 in. R.P.	2 90	25 00
6 to 9 in. R.P.	5 60	50 00
9 to 12 in. R.P.	8 50	75 00
PINUS PONDEROSA (Bull Pine)		
2 to 4 in. R.P.	1 20	10 00
4 to 6 in. R.P.	1 80	15 00
6 to 9 in. R.P.	2 90	25 00
9 to 12 in. R.P.	4 00	35 00
9 to 12 in. XX	6 50	
12 to 15 in. XX	10 00	
PINUS SYLVESTRIS (Scotch Pine)		
2 to 4 in. R.P.	1 40	12 00
4 to 6 in. R.P.	1 80	15 00
6 to 9 in. R.P.	2 40	20 00
9 to 12 in. R.P.	3 50	30 00
TAXUS CUSPIDATA		
4 to 6 in. XX	12 00	
6 to 9 in. XX	17 50	
9 to 12 in. XX	20 00	
12 to 15 in. XX	25 00	
TAXUS INTERMEDIA		
4 to 6 in. XX	17 50	
TAXUS MEDIA HICKSI		
6 to 9 in. XX	20 00	
9 to 12 in. XX	25 00	

ROSES

HYBRID PERPETUAL ROSES

	Per 10	Per 100
Assorted as follows, No. 1-----	\$ 4 50	\$ 40 00
" " " No. 1½-----	3 50	30 00
" " " No. 2-----	2 10	18 00

Frau Karl Druschki, very popular large pure white.

General Jacqueminot, old favorite, dark red garden rose.

Paul Neyron, dwarf-bushed; gigantic rose-pink fragrant flowers.

Ulrich Brunner, large cup-shaped blooms of cherry-red; a strong grower.

FLORIBUNDA ROSES

A new classification of hardy everblooming roses for mass color effects. They are very winter-hardy, therefore, permanent, disease-resistant, and bloom continuously from early summer to frost.

	Per 10	Per 100
Else Poulsen , lasting bright rose-pink flowers; semi-double.		
No. 1-----	\$ 4 50	\$ 40 00
No. 1½-----	3 50	30 00
No. 2-----	2 10	18 00

Gruss an Aachen, large light flesh-pink and salmon-yellow.

No. 1-----	4 50	40 00
No. 1½-----	3 50	30 00
No. 2-----	2 10	18 00

Karen Poulsen, very large single brilliant scarlet continuous bloomer from June to November.

No. 1-----	4 50	40 00
No. 1½-----	3 50	30 00
No. 2-----	2 10	18 00

BABY OR DWARF POLYANTHA ROSES

	Per 10	Per 100
Assorted as follows, No. 1-----	\$ 4 50	\$ 40 00
" " " No. 1½-----	3 50	30 00
" " " No. 2-----	2 10	18 00

Cameo, shell pink and salmon with a glow of gold; blooms continuously.

Ellen Poulsen, splendid bright rose-pink flowers of large size; fragrant.

Ideal, dark scarlet in immense compact clusters; free-flowering.

Lafayette Improved, large flowers of bright cherry-crimson.

Orange Triumph, bright red blooms with flush of orange, borne in large clusters. Strong grower.

White Baby, Katharina Zeimet, fragrant white flowers in large clusters.

RUGOSA, HYBRIDS, AND MISCELLANEOUS

Agnes , double, lasting flowers of amber-yellow; fragrant.	Per 10	Per 100	Per 1000
3 to 4 ft.-----	\$ 4 50	\$ 40 00	\$ -----
2 to 3 ft.-----	4 00	35 00	-----
No. 1-----	3 50	30 00	-----
No. 1½-----	2 50	22 00	-----

Amelia Gravereaux, dark purplish red flowers; fragrant.

2 to 3 ft.-----	4 00	35 00	-----
No. 1-----	3 50	30 00	-----
No. 1½-----	2 50	22 00	-----

Blanda, Meadow Rose, single, soft pink flowers of large size, vigorous and hardy.

2 to 3 ft.-----	2 40	20 00	-----
No. 1-----	1 90	16 00	-----
No. 1½-----	1 40	12 00	-----

ROSES—(Continued)**RUGOSA, HYBRIDS AND MISCELLANEOUS—(Continued)**

C. F. Meyer, very large, light silvery pink flowers freely produced; double. Very fragrant.

	Per 10	Per 100	Per 1000
No. 1	\$4 50	\$40 00	\$
No. 1½	4 00	35 00	-
No. 2	2 90	25 00	-

Dr. Eckner, large, fragrant, semi-double flowers, yellow tinted orange and coppery-rose; very hardy.

2 to 3 ft.	4 50	40 00	-
No. 1	4 00	35 00	-
No. 1½	2 90	25 00	-

F. J. Grootendorst, small, fringed flowers of bright red, produced freely throughout the growing season.

2 to 3 ft.	4 50	40 00	-
No. 1	4 00	35 00	-
No. 1½	2 90	25 00	-

F. J. Grootendorst Supreme, sport of F. J. Grootendorst; flowers longer-lasting and of deeper red than F. J. Grootendorst.

No. 1	4 00	35 00	-
No. 1½	2 90	25 00	-

Grootendorst Pink, Pink variety of the popular F. J. Grootendorst.

No. 1½	2 90	25 00	-
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Hansa, large, double reddish violet flowers, very hardy.

No. 1½	1 40	12 00	-
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Harrison's Yellow, semi-double bright yellow; early.

2 to 3 ft.	4 50	40 00	-
No. 1	4 00	35 00	-
No. 1½	2 90	25 00	-

Hugonis, early blooming shrub rose; pale yellow; hardy.

2 to 3 ft.	4 00	35 00	-
No. 1	3 20	28 00	-
No. 1½	2 10	18 00	-

Lucida, **Virginia Rose**, single pink flower; red fruits.

2 to 3 ft.	2 10	18 00	-
No. 1	1 70	14 00	-
No. 1½	1 20	10 00	-

Rubiginosa (Sweet Briar), Single pink flowers; orange-red fruit.

2 to 3 ft.	2 90	25 00	-
No. 1	2 40	20 00	-
No. 1½	1 90	16 00	-

Rubrifolia, intensely pink starry flowers; red foliage.

2 to 3 ft.	2 90	25 00	-
No. 1	2 40	20 00	-
No. 1½	1 90	16 00	-

Rugosa Rubra, large, single purplish red flowers, disease resistant.

2 to 3 ft.	2 50	22 00	-
No. 1	2 10	18 00	-
No. 1½	1 70	14 00	-

ROSES—(Continued)

RUGOSA, HYBRIDS AND MISCELLANEOUS—(Continued)

		Per 10	Per 100	Per 1000
Setigera, Prairie Rose , large pink flowers in clusters.				
2 to 3 ft.		\$2 10	\$18 00	\$-----
No. 1		1 70	14 00	\$-----
No. 1½		1 20	10 00	\$-----

Sir Thos. Lipton, Snowy white flowers freely produced.

2 to 3 ft.		2 90	25 00	\$-----
No. 1		2 40	20 00	\$-----
No. 1½		1 40	12 00	\$-----

PATENTED ROSES

Hybrid Tea Roses	Each	Per 10	Per 100
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ANZAC . Patent rights reserved. (Retails \$1.50 each; \$15.00 per doz.) An All-America Rose Selection. Buds of fifty waxen petals steeped in coral and washed with gold unfold into perfectly formed camellia-like flowers. The colors merge with age and might well be compared with the "Rose" in the sky at dawn.			
No. 1	\$1 00	\$ 9 00	\$ 75 00

CALIFORNIA. Plant Patent 449. (Retails \$1.50 each; \$15.00 per doz.)

A glorious shade of ruddy orange toned with saffron yellow; a dual tone effect of indescribable richness and beauty.

No. 1	1 00	9 00	75 00
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CRIMSON GLORY. Plant Patent No. 105. (Retails \$1.25 each; \$12.50 per doz.) Perfectly formed blooms, intense vivid crimson, soft velvety sheen. Fragrant.

No. 1	75	7 00	60 00
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DOUGLAS MacARTHUR. Plant Patent No. 581. Retails \$1.50 each, \$15.00 per doz.) Long, graceful tulip-shaped buds open into glorious flowers of an exquisite blend of rose, gold and salmon.

No. 1	1 00	9 00	75 00
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HEART'S DESIRE. Plant Patent 501. (Retails \$1.50 each; \$15.00 per doz.) Deep velvety red. Does not fade. Fragrant, vigorous, prolific.

No. 1	1 00	9 00	75 00
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BROWNELL SUB-ZERO HYBRID TEA ROSES

A new race from hardier species that can bloom all summer, with the best of fragrant flowers, more free and constantly, of greater sturdiness and vigor, to live many times as long even after sub-zero winters.

Each	Per 10	Per 100
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Break O'Day , Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Orange to apricot, large flowers, very vigorous, free bloomer, delightfully inspiring.		
No. 1	\$1 00	\$ 9 00

Lily Pons, Patent No. 420. (Retails \$1.50 each; \$15.00 per doz.)

White with pure yellow center, large flowers of indescribable delicacy, vigorous, free bloomer.

No. 1	1 00	9 00	75 00
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Red Robin, Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Red tending toward vermillion; very sturdy bush that literally glitters.

No. 1	1 00	9 00	75 00
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Pink Princess, Patent No. 459. (Retails \$1.50 each; \$15.00 per doz.) Bud red, flower deep pink, famous as the first H. T. free from defoliation by blackspot.

No. 1	1 00	9 00	75 00
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Shades of Autumn, Patent No. 542. (Retails \$1.50 each; \$15.00 per doz.) An abundant and joyous expression of bi-colored beauty.

No. 1	1 00	9 00	75 00
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V for Victory, Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Most beautiful large, double yellow, fragrant Roses, constantly blooming.

No. 1	1 00	9 00	75 00
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HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennial, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as the indispensable old favorites.

We offer Field Grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our Perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrow		
<i>ptarmica Boule de Neige</i> , double white. 18 in. All summer.....	1 15	9 00
<i>ptarmica Snowball</i> , an improved new variety with fuller, more perfect flowers. Double white. 2 ft. All Summer.....	1 20	10 00
*ALYSSUM, Rock Madwort		
<i>saxatile compactum</i> , yellow. 1 ft. May.....	1 20	10 00
ANCHUSA, Bugloss		
<i>azure dropmore (Italica Dropmore)</i> , blue flower spikes. 4-5 ft. All Summer.....	1 15	9 00
<i>*myosotidiflora</i> ; dainty blue flowers, resembling Forgetmenots, borne in branching sprays. 12 in. April-May.....	1 40	12 00
ANTHEMIS, Camomile		
<i>tinctoria</i> , golden yellow flowers; finely cut foliage. June. 2 ft. 1 15		9 00
ARTEMISIA—Southernwood; Sage Brush		
<i>Silver King</i> , a striking, white-leaved contrast plant, entire color effect bright frosted silver. Dries perfectly. 3 ft....	1 40	12 00
ASTERS, Hardy—Starwurt or Michaelmas Daisy. Sept.-Oct.		
<i>Barrs Pink</i> , a selected strain of compact bushy growth. Clear rose-pink flowers. 3-4 ft.....	1 40	12 00
<i>Frikarti</i> , lavender-blue flowers from 2 to 2½ inches across. Produced from June until November. 2½ ft.....	2 10	18 00
<i>Star of Wartburg</i> , lavender-blue with yellow center. 12-15 in... 1 80		15 00

BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)

HARDY CHRYSANTHEMUMS STANDARD AND KOREAN VARIETIES

Strongly Developed Field Grown Clumps

Yellow Shades	Per 10	Per 100
Lorelei , an old favorite in the early, double-flowering Mums.....	\$1 40	\$ 12 00
My Lady , our choice as the best of the hardy, early double yellow Chrysanthemums. An excellent pot plant.....	1 80	15 00
Pomponette , one of the most appealing of the Pompon types. A mass of golden flowers from early Autumn until frost.....	1 80	15 00
Pygmy Gold , a distinct dwarf Korean Pompon type. Pure yellow button type flowers. Early September.....	1 40	12 00
Sappho , compact, dwarf plant, covered with good sized pure yellow single flowers.....	1 40	12 00
Sonny Boy , an early flowering hardy yellow Pompon. Clear yellow. Excellent cut flower and a good pot plant.....	1 40	12 00

PERENNIALS—(Continued)

HARDY CHRYSANTHEMUMS—(Continued)

	Bronze Shades	Per 10	Per 100
Aladdin , rich apricot shaded reddish-gold, early flowering. Requires some protection in winter.	1 40	\$ 12 00	
Ann Miller , an early flowering variety. Possesses true Autumn tints, deep russet; very large and double.	1 40	12 00	
Emmet , a very free-flowering early bronze. Fine for massing.	1 40	12 00	
Firetip , a large double early flowering variety. Flowers are bright red with tips of petals dotted gold.	1 40	12 00	
Nancy Copeland , spectrum-red is the dominant color of this relatively new unusual variety. Double flowering. Sept.	1 40	12 00	

Pink Shades

Clara Curtis , produces great masses of fragrant pink, daisy-like flowers. Early September. Single.	1 40	12 00
Glorietta , very double ball-shaped flowers of light pink. Very free-flowering. September.	1 40	12 00
Muskogee , early semi-double, purplish-rose flowers with slight yellow central disc. Compact bushy growth.	1 80	15 00
Pohatcong , a conservative pleasing shade of lavender-rose. Double flowers on dwarf, compact plants.	1 40	12 00
Symphony , mauve-rose overcast soft coppery-rose. Flowers are double and of enormous size. Free-flowering.	1 40	12 00

Red Shades

Burgundy , rich, cerise-crimson, acquiring deeper tones in the center.	1 40	12 00
Cydonia , one of the brightest colored varieties. Double flowers of a brilliant orange-mahogany.	1 40	12 00
Dahlia Flower , it is a deep dark red, the richest of colors. The flowers resemble very closely a Cactus Dahlia.	1 80	15 00
Elegance , large single flowers of a tyrian rose-red color.	1 40	12 00
Manantico , a new, very promising early-flowering 'Mum. Single dark rose-red. Dwarf grower.	1 40	12 00
The Moor , brilliant amaranth-purple or port wine red. Large fully double flowers. Very hardy and free flowering.	1 40	12 00

White and Cream Shades

Avalanche , one of the best whites. Flowers are 4" across. Looks double and is early and free-flowering. A good cut-flower.	1 80	15 00
Pocatello , double white flowers with slight blush. Large and early flowering.	1 40	12 00
Seminole , free blooming type, low bushy growth. Double, fluffy white flowers in September.	1 40	12 00
Teton , single to semi-double blooms of white with prominent yellow eye. Resembles Shasta Daisy. September.	1 40	12 00

Lavender Shades

Lavender Lady , a lovely true lavender, no trace of mauve. Very double and free-flowering.	1 80	15 00
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PERENNIALS—(Continued)

COREOPSIS, Tickseed

	Per 10	Per 100
grandiflora , bright yellow. Blooms all summer. 2 ft.	\$1 15	\$ 9 00
Mayfield Giant , large yellow flowers on firm, strong stems. 1 40		12 00

DAISY SHASTA, Chrysanthemum Maximum

Alaska Supreme , shapely plants, large flowers. June-July	1 20	10 00
Dieners Double , many of the blooms are large and very double; an excellent cut flower variety. June-July. 2 ft.	1 40	12 00
Elder Improved , large white, usually in bloom for Decoration Day. 2 ft.	1 20	10 00
Hartje and Elder , white, earliest to bloom. 6 in.	1 15	9 00

DELPHINIUM, Larkspur

Clivenden Beauty , large spikes, sky flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00
English Hybrids , single and double Delphinium, all shades of blue and mauve. June-Sept. 4 ft.	1 40	12 00
La Martine , dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft. 1 20		10 00

FUNKIA, plaintain Lily

lancifolia , green foliage, lilac flowers. July-August. 18 in.	1 20	10 00
* variegata , green and white foliage, blue flowers. July. 12 in. 1 20		10 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy , rich wine-red; excellent for cutting. 1½-2 ft.	1 20	10 00
Dazzler , large golden and maroon flowers, strong stems. 1½ ft. 1 20		10 00

GYPSOPHILA, Baby's Breath

Bristol Fairy , large panicles of the purest white double flowers. Blooms all summer. 2 ft.	2 40	20 00
oldhamiana , white, delicately tinted pink. September. 3 ft.	1 40	12 00
paniculata compacta , a symmetrical mass of minute white flowers during August and September. 2 ft.	1 15	9 00

HEMEROCALLIS, Day Lily

flava , clear lemon yellow, sweet scented, profuse. June. 2½ ft. 1 15		9 00
Florham , large trumpet-shaped golden yellow flowers. June. 1 15		9 00
fulva , coppery orange, shaded crimson. July. 3 ft. 1 15		9 00
Kwanso , a double-flowering variety; rich golden bronze. July-August. 4 ft. 1 15		9 00
Margaret Perry , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft. 2 90		25 00

HIBISCUS, Rose Mallow

Giant Flowering Pink, Red, and White , separate colors. August-Sept. 4-5 ft.	95	8 00
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IRIS, Bearded

Mixed only	60	5 00
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IRIS, PUMILA DWARF

Purple , dark violet blue. 8 in.	70	6 00
Red , wine-red with purplish sheen. Very desirable. 6 in.	70	6 00
Spring Skies , a charming, small clear blue variety. 6 in.	70	6 00
White , pure snow-white, fragrant. 8 in.	70	6 00
Yellow , a splendid pale canary yellow. 6 in.	70	6 00

LAVENDULA (Lavender)

vera , fragrant blue flowers. The true Sweet Lavender. July and August. 18 in.	1 40	12 00
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PERENNIALS—(Continued)

	Per 100	Per 1000
LIATRUS, Gay Feather <i>pycnostachya</i> , tall spikes of rich purple flowers. July-August. 4 ft.	\$1 40	\$ 12 00
*LINUM, Flax perenne, bright blue flowers, upright growth.	1 15	9 00
LOBELIA (Indian Paint Brush) <i>cardinalis</i> , rich fiery cardinal flowers produced on 2½ ft. spikes. Aug.-Sept.	1 40	12 00
LUPINUS, Lupines Harkness Regal Mixed , rich and delicate art shade. July. 3 ft.	1 40	12 00
*NEPETA, Ground Ivy <i>mussini</i> , a desirable border or rock plant; gray-green foliage; masses of lavender blue, flowers all spring. 15 in.	1 20	10 00
*OENOTHERA, Eveningprimrose <i>missouriensis</i> , a prostrate species with ascending branches; golden-yellow flowers. June-August. 12 in.	1 40	12 00
PACHYSANDRA, Japanese Spurge <i>terminalis</i> , trailing cover plant for shady places, glossy green foliage, light-colored flowers; evergreen. 2 yr. Field grown plants 2½ in. Potted plants	1 20 (\$80 00 per M)	10 00 9 00

PHLOX—paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

We are growing a splendid list of the better and newer varieties, noted for their clear color, large individual flowers, freedom of bloom and strong, branching habit of growth, all characteristics that are lacking in many of the older varieties.

The No. 2 Phlox offered below are good Field Grown plants, that are just a little smaller than the No. 1 Grade. They are Plants that will thrive and bloom the first season.

	Per 10	Per 100
Annie Laurie , large trusses of salmon-pink flowers. An attractive new variety. No. 1	\$1 40	\$12 00
B. Comte , rich, satiny wine-red; one of the most brilliant. No. 1 No. 2	1 20 95	10 00 8 00
Borden Gem , a most unusual shade of rich deep purple. Does not fade. No. 1 No. 2	1 70 1 40	14 00 12 00
Border Queen , a dwarf but sturdy plant; enormous florets of rich satiny rose-pink, a rare clear color. No. 1 No. 2	1 40 1 15	12 00 9 00
Camillo Schneider , large flowers of deep velvety red; blooms profusely all summer. Very attractive and outstanding. No. 1 No. 2	1 40 1 15	12 00 9 00

PERENNIALS—(Continued)**PHLOX—paniculata—(Continued)** Per 10 Per 100

Caroline Vandenburg, perhaps the most attractive of the blue shades; a deep lavender-blue without the magenta shades or white streaks that appear in so many varieties of this color. Large individual flowers.

No. 1	\$ 1 70	\$ 14 00
No. 2	1 40	12 00

Charles Curtis, the most brilliant phlox in cultivation. A strong growing phlox of brilliant sunset red. An outstanding new variety.

No. 1	2 10	18 00
No. 2	1 80	15 00

Chieftain, clear deep ruby red without shadings; an unusual new "red" that is really outstanding.

No. 1	1 40	12 00
No. 2	1 15	9 00

E. I. Farrington, large flowers of salmon-pink, soft pink eye; free-flowering. One of the most attractive Phlox.

No. 1	1 40	12 00
No. 2	1 15	9 00

Feurbrand, brilliant, orange-scarlet, almost vermillion; free-flowering, very prolific.

No. 1	1 40	12 00
No. 2	1 15	9 00

Flora J. Reidy, a very desirable pure, ivory-white Phlox. Large florets on large, well-filled trusses.

No. 1	1 40	12 00
No. 2	1 15	9 00

Leo Schlageter, brilliant, glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence today.

No. 2	1 20	10 00
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Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.

No. 1	1 40	12 00
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Mary Louise, the individual flowers are twice as large as other white Phlox; unquestionably the best white to date.

No. 1	1 70	14 00
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Miss Lingard, immense white flower heads; disease resistant. The earliest white; very prolific.

No. 1	1 70	14 00
No. 2	1 40	12 00

Morgenrood, large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems.

No. 1	1 40	12 00
No. 2	1 15	9 00

Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.

No. 1	1 70	14 00
No. 2	1 40	12 00

Mrs. Milly Von Hoboken, a fine clear pink with mauve suffusion.

No. 1	1 40	12 00
No. 2	1 15	9 00

PERENNIALS—(Continued)

PHLOX—*paniculata*—(Continued)

Per 10 Per 100

Mrs. R. P. Struthers, large individual flowers of rich cherry-red, darker eye.

No. 1	\$1 20	\$ 10 00
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P. D. Williams, another fine variety that we would place at the top. Enormous flowers in pyramidal trusses. Soft rose-pink, darker eye. Flowers do not cup or bleach.

No. 2	1 15	9 00
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Prime Minister, pure white with distinct crimson eye.

No. 1	1 20	10 00
No. 2	95	8 00

R. P. Struthers, bright cherry-red with salmon shading; claret eye.

No. 1	1 15	9 00
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September Glow, a vivid shade of carmine red suffused orange. A unique and distinct shade in Phlox.

No. 1	1 70	14 00
No. 2	1 40	12 00

Special French, fine blush pink with salmon eye.

No. 1	1 20	10 00
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Starlight, large purplish-violet florets with white star at center which creates a most unusual effect; a variety that is always in good demand.

No. 1	1 40	12 00
No. 2	1 15	9 00

PHLOX, *subulata*, Moss or Mountain Pinks

alba, pure white flowers cover the plant in May..... 1 20 10 00

atropurpurea, the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in..... 1 20 10 00

lilacina, a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in..... 1 20 10 00

rosea, rose-pink; thrives in hot, dry situations; a fine bank cover..... 1 20 10 00

Samson, rose-pink; darker eye. Blooms again in the fall..... 1 40 12 00

Vivid, vivid rose-pink, darker eye. Very choice; free-flowering. 1 40 12 00

PLATYCODON, Balloon Flower. June and July. 18 in.

grandiflorum album. White..... 1 20 10 00

Mariesi, a beautiful dwarf species, large broad foliage, deep violet blue flower. Blooms all summer. 12 in..... 1 20 10 00

PYRETHRUM, Painted Daisy. May-June. 18 in.

atrosanguinea, deep rose-red, single flowers..... 1 20 10 00

hybridum roseum, soft pink and rose shades, single..... 1 20 10 00

RUDBECKIA, Coneflower

Golden Globe, masses of ball-shaped golden yellow lasting flowers blooming from late summer until frost. 4-5 ft..... 1 20 10 00

laciniata (Golden Glow) clear yellow. July-Sept. 5-6 ft..... 1 20 10 00

PERENNIALS—(Continued)

SALVIA (Sage)

	Per 10	Per 100
Edible , especially valuable for seasoning. 2 ft.	\$1 20	\$ 10 00

Turkestanica , showy whorls of white flowers tinged pink; silvery foliage. June-August. 4 ft.	1 20	10 00
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SCABIOSA, Pincushion Flower

Fisher , the rich, deep violet-blue flowers of this variety are 2½ inches across, on stiff stems 20 inches high. All summer. 1 40	12 00
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***SEDUM, Stonecrop**

album , small foliage, white flowers. July. 4 in.	1 20	10 00
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kamtschaticum , orange-yellow flowers, prostrate bronzy-green foliage. July. 6 to 8 in.	1 20	10 00
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kamtschaticum variegatum , golden variegated foliage, orange flowers. July. 6 in.	1 20	10 00
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sexangulare , very dark green foliage; yellow flowers. July. 4 in.	1 20	10 00
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spectabile Brilliant , light green foliage, broad heads of rich rose-red flowers. Aug.-Sept. 15 in.	1 20	10 00
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stoloniferum , coccineum, purplish pink flowers, foliage in rosettes. July-August. 6 in.	1 20	10 00
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***THYMUS (Thyme) dwarf, creeping perennials, fragrant foliage.**

serpyllum album (White Mountain Thyme) Pure white.	1 40	12 00
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serpyllum coccineum . Brilliant crimson flowers.	1 40	12 00
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VERONICA, Speedwell

Blue Spire , long-lasting spikes of blue flowers. July-September. 2 ft.	1 80	15 00
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*rupestris Heavenly Blue , mats of dark green foliage; blue flowers on miniature spikes. June. 4 in.	1 80	15 00
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***VINCA, Periwinkle**

minor, Bowles Variety blue flowers, beautiful glossy, evergreen foliage.	1 20	10 00
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YUCCA, Adam's Needle

filamentosa , broad, sword-like evergreen foliage; creamy white flowers. July. 5 ft.	1 20	10 00
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3 year	1 20	10 00
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Hacker's Variegated , foliage striped cream and green.	1 40	12 00
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2 year	1 40	12 00
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LILIUM, Domestic Grown

(Offered subject to prior sales)

regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July, 3-5 ft.

3 to 4 in.	Sold Out
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4 to 6 in.	" "
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6 to 8 in.	" "
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tenuifolium (Coral L.) Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.

Blooming size bulbs.	95	8 00
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PERENNIALS—(Continued)

LILIUM, Domestic Grown—(Continued)

Tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.

Double 4 to 6 in.	Sold Out
Double 6 to 8 in.	" "
Single 4 to 6 in.	" "
Single 6 to 8 in.	" "

LILY-OF-THE-VALLEY (*Convallaria majalis*)

Very fragrant pure white, bell-shaped flowers for shaded locations.	Per 10	Per 100
Pips	35	3 00
Clumps (10 pips each)	2 40	20 00

SPRING BULBS

CANNAS

We offer a standard list of the most popular varieties of Cannas. The roots are strong, healthy 2-to-3 eye divisions.

BRONZE FOLIAGE VARIETIES

Per 10 Per 100

Ambassador , lighter bronze than Red Humbert. A very good dwarf foliage, red Canna. 4 ft.	\$ 80	\$ 7 00
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King Humbert , a grand variety. The large heart-shaped leaves are purple-madder brown over bronze; immense orchid-like velvety orange-scarlet flowers. 5 ft.	80	7 00
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Shenandoah , salmon-pink flowers in large clusters. Foliage rich ruby-red. 4 ft.	80	7 00
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Wyoming , orchid-flowering variety; magnificent orange-colored flowers. Purple foliage. 5 ft.	80	7 00
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PINK SHADES WITH GREEN FOLIAGE

City of Portland , undoubtedly the most popular pink blooming Canna. A fast grower, and heavy bloomer. 5 ft.	80	7 00
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Hungaria , rich soft pink flower; free-flowering, vigorous. 4 ft.	80	7 00
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Mrs. Conard , magnificent heads of perfectly formed flowers of great size and substance. Salmon-pink. 4 ft.	80	7 00
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RED SHADES WITH GREEN FOLIAGE

The President , immense firm flowers of rich glowing scarlet produced on strong erect stalks well above the large rich green foliage. 4 ft.	80	7 00
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Wintzers Colossal , undoubtedly the largest flowered Canna yet produced. Enormous flowers of vivid scarlet. 5 ft.	80	7 00
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VARIEGATED FLOWERS WITH GREEN FOLIAGE

Mme. Crozy , brilliant vermillion-scarlet, with narrow edge of bright golden yellow. 3½ ft.	80	7 00
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YELLOW SHADES WITH GREEN FOLIAGE

Apricot , buff-yellow base overspread with salmon-pink making a mass effect of rich apricot. 4 ft.	80	7 00
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Florence Vaughan , golden yellow dotted crimson. 4 ft.	80	7 00
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King Midas , an excellent free-flowering variety. Dwarf grower. Clear yellow flowers. 4 ft.	80	7 00
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Orangebedder , bright orange with enough scarlet suffusion to intensify the dazzling mass of color. 4 ft.	80	7 00
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Yellow King Humbert , yellow with red spots; very attractive. 4 ft.	80	7 00
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PERENNIALS—(Continued)**SPRING BULBS—(Continued)****DAHLIAS**

The Dahlias offered are all exceptionally fine, reasonably priced varieties; strong healthy tubers with good crowns and eyes. Varieties offered were selected for their adaptability to the average garden, freeness of bloom and cut-flower value.

DECORATIVE

	Per 10	Per 100
Jane Cowl , glistening bronze-buff and salmon shades.....	\$ 1 80	\$ 15 00
Jean Kerr , many small white flowers on each plant. Early, vigorous, and insect resisting.....	1 40	12 00
Jersey Beacon , brilliant scarlet flowers, very desirable.....	1 80	15 00
Jersey Beauty , very popular pink. Profuse bloomer.....	1 80	15 00
Mrs. I. de Ver Warner , orchid pink, large and popular.....	1 80	15 00
Pride of Stratford , the best orange shade; a beautiful exhibition variety.....	1 80	15 00
The Commodore , large canary yellow and one of the best.....	1 80	15 00

GLADIOLI

We offer clean, disease-free bulbs that always give satisfaction.

RED AND SCARLET SHADES

	No. 1	Per 100
Dr. F. E. Bennet , (Midseason-Exhibition) Deep peach-red overlaid with flame-scarlet on tall stems.....	\$ 4 00	
Flaming Sword , (Very Early Decorative) Deep red; large flowering.....	3 75	
Red Phipps , (Midseason-Exhibition) An unusual shade of salmon-red. Favorite commercial cut flower.....	4 00	

ROSE AND SALMON SHADES

Picardy , (Early-Exhibition) Soft shrimp-pink without flecking. The finest Gladiolus in its color class.....	5 00
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BUFF, ORANGE AND YELLOW SHADES

Orange Queen , (Early-Exhibition) Beautiful light orange, deeper at edge with orange-red lines in throat.....	3 50
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LAVENDER, VIOLET, AND BLUE SHADES

Charles Dickens , (Early-Exhibition) Violet-purple with very tall, gracious spikes.....	4 00
Minuet , (Midseason-Exhibition) Great spikes of clear lavender flowers.....	4 00
Pelegrina , (Early-Exhibition and Decorative) A deep blue-violet. A very striking and outstanding variety.....	4 00

WHITE AND CREAM SHADES

Maid of Orleans , (Midseason-Exhibition and Decorative) An excellent variety of pure white with a cream throat. A fine cutflower.....	4 00
Standard Mixture , a wide and well balanced range of colors.....	3 00

All Gladioli offered subject to prior sales as only a limited stock is available.

MADEIRA VINE

	Per 10	Per 100	Per 1000
A very prolific tuberous bulb; produces a quantity of viny growth.....	\$ 40	\$ 3 50	\$ 30 00

TUBEROSE

Mexican , the best of all Tuberoses; single-flowering variety, very fragrant. Blooms July-August.....	40	3 50	30 00
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Hazelnut	21	SEEDLINGS, FOREST TREE	8 9 10
HEDGING	34	SEEDLINGS, FRUIT TREE	8
Hemlock	42	Snowball (See Viburnum)	31
Honeylocust	9-12	Sorbaria	29
Honeysuckle	23-24-33-34	SPIREA	29-30-34
Horse Radish	8	Spruce	41
Hydrangea	24	Strawberry	7
Hypericum	25	Sumac	28
I			
Ilex	25	Sycamore	16
J			
Juneberry	18	T	
Juniper	35-40 incl.	Tamarix	30
K			
Kerria	25	Taxus	41
Kolkwitzia	25	Thorn	16
Kudzu Vine	33	Tuberoses	55
L			
Larch	40	Tuliptree	17
Lespedeza	25		
Lilac	25-26		
Lilies	53-54		
Linden	12		
Lining Out Evergreens	42-43		
Locust	9-13		
M			
Maderia Vine	55		
Maple	9-13-14		
Matrimony Vine	33		
Mountainash	14		
Mulberry	9 14-34		
Multiflora Jap. Seedlings	8		
N			
Nectarine	5		
O			
Oak	14		
Osageorange	9		
P			
PEACH	4		
Peach Flowering	15		
PEAR	4		
Pearl Bush	23		
PERENNIALS	47-53 incl.		
Persimmon	14		
Philadelphus (Syringa)	26-27		
Physocarpus	27		
Pine	41		
PLUM	5		
Plum Seedlings	8		
Polygonum	34		
Poplar	10 14-15		
PRIVET	27-28		
Prunus	15		
Q			
Quince	5		
Quince Japan Flowering	21		
R			
Raspberry	6		
Redbud	16		
Rhodotypos	28		
Rhubarb	8		
Rhus	28		
Ribes	28-29		
Rose Acacia	29		
Rose Stocks	8		
Roses Baby	44		
Roses Floribunda	44		
Roses H. P.	44		
Roses Miscellaneous	44-45-46		
Roses Patented	46		
Roses Rugosa	44-45-46		
Russianolive	9-16		
S			
SEEDLINGS, FOREST TREE	8 9 10		
SEEDLINGS, FRUIT TREE	8		
Snowball (See Viburnum)	31		
Sorbaria	29		
SPIREA	29-30-34		
Spruce	41		
Strawberry	7		
Sumac	28		
Sycamore	16		
T			
Tamarix	30		
Taxus	41		
Thorn	16		
Tuberoses	55		
Tuliptree	17		
V			
Viburnum	31		
VINES	32-33 34-55		
Vitex	31		
W			
Walnut	9 17		
Weigela	31-32		
Witch Hazel	23		
Willow	10-17		
Wisteria	34		
Y			
Youngberry	8		